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QUEENS COLLEGE

CHARLOTTE

New College and The Graduate School

1989-90 Catalog

1989

JANUARY

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New College and The Graduate School at Queens

1989-1990 Catalog

Volume 11, Number 1

Summer, 1989

Published Annually by Queens College
1900 Selwyn Avenue, Charlotte, N.C. 28274
(704) 337-2200

New College and the Graduate School at Queens admit students regardless of race, color, sex, national and ethnic origin, or handicap to all the rights, privileges, programs and activities generally accorded or made available to students at the college. They do not discriminate on the basis of sex, race, color, national or ethnic origin, or handicap in educational policies, scholarship or loan programs, and athletic and other college administered programs.

The catalog for New College and the Graduate School at Queens contains current information regarding the calendar, admissions and degree requirements, tuition, fees and regulations. Such information is not intended to be, and should not be, relied upon as a statement of the college's contractual undertakings.

The Administration reserves the right in its sole judgement to promulgate and change rules and regulations and to make changes of any nature in its program, calendar, admissions policies, procedures and standards, degree requirements, tuition and fees, academic schedule, and any other academic or procedural provision whenever it is deemed necessary or desirable, including, without limitation, changes in course content, the rescheduling of classes, cancelling of scheduled classes or affording alternatives for scheduled classes or other academic activities, in any such case giving such notice as is reasonably practicable under the circumstances.

NOTE

Beginning with the Fall Term 1989 all course numbers will change. Please check the most recent Term Schedule for correct course numbers.

New College
and
The Graduate School

1989-1990 CALENDAR

Fall Term 1989 (Term I)

Monday, August 28	Registration, New Students
Tuesday, September 5	Classes Begin
Wednesday, October 25	Last day to Withdraw from a Course
Monday, November 20	Thanksgiving Break Begins
Monday, November 27	Classes Resume
Monday, December 11	Classes End
Tuesday, December 12	Exams Begin
Monday, December 18	Exams End

Spring Term 1990 (Term II)

Monday, January 29	Registration, New Students
Saturday, February 3	Classes Begin
Monday, March 12	Spring Break Begins
Saturday, March 17	Classes Resume
Wednesday, March 28	Last Day to Withdraw from a Course
Thursday, May 10	Classes End
Friday, May 11	Exams Begin
Thursday, May 17	Exams End
Friday, May 18	Baccalaureate
Saturday, May 19	Graduation

Summer Term (Term III)

New College, MBA and MNA

Tuesday, May 15	Registration, New Students
Monday, May 21	Classes Begin
Thursday, June 28	Last Day to Withdraw
Wednesday, July 4	No Classes
Thursday, July 26	Classes End
Tuesday, July 31	Exams End

MEd schedule to be announced.

DIRECTORY

If Your Question Concerns	Call
Admissions: New College or Graduate School at Queens	337-2313
Academic Advising prior to admission to the college, all programs	337-2392
Academic Advising after admission	
New College Students	337-2327
Graduate Students	337-2315
Billing or Charges	337-2372
Campus Housing	337-2313
Career Planning	337-2337
Computer Use	
Dickson Microcomputer Center or Walker Science Computer Center	337-2303
Dining Hall	337-2409
Dropping or Adding a Course	
New College	337-2327
Graduate School	337-2315
Grades	337-2211
Immunizations	337-2220
Library Use	337-2270
Parking Permit	337-2306
Parking Ticket	337-2306
Registration	
New College or Graduate School	337-2315
College of Arts and Sciences	337-2211
Schedules	
New College or Graduate School	337-2315
College of Arts and Sciences	337-2324
Snack Bar	337-2283
Student ID Card	337-2349
Swimming Pool Use	337-2228
Tennis Court Use	337-2228
Tests	
CLEP Test Information	337-2337
GMAT Test Information	337-2337
Miller Analogy Test Information	337-2315
Transcript Requests	337-2211
Withdrawal from a Course	
New College	337-2327
Graduate School	337-2315
College of Arts and Sciences	337-2211

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THE COLLEGE

Queens College, private and Presbyterian, is a diversified academic community serving a variety of learners, both men and women, of all ages. Basic components of the academic community are the College of Arts and Sciences, New College, and the Graduate School. In addition, Queens College offers non-credit coursework through the Office of Continuing Education and through Queens Compute.

HISTORY OF QUEENS COLLEGE

Queens was founded in 1857 as the Charlotte Female Institute. Upon affiliation with the Presbyterian Synod of North Carolina in 1896, it was known as the Presbyterian College for Women. In 1914, the move was made to the present campus in Myers Park, and it became Queens College. Through the merger with Chicora College in Columbia, South Carolina, in 1930, Queens became related to the Presbyterian Synod of South Carolina. With the creation of the Synod of the Southeast in 1973, Queens' official church relationship was extended to include Presbyterians in Georgia as well as those in the Carolinas.

The Board of Trustees holds title to the property of the College and is responsible for Queens' total program. The 34-member board — composed of business, professional, religious, and alumni leaders — is elected by the Synod of the Mid-Atlantic (10 members), the Synod of South Atlantic (8), trustees (12), and the Queens College Alumni Association (4).

The New College, an undergraduate coeducational unit of Queens College, and the Graduate School, were both authorized by the Board of Trustees on April 30, 1979. Approval was also granted for the Master of Business Administration as the first graduate degree program to be offered by Queens College.

ACCREDITATION AND MEMBERSHIPS

Queens College is fully accredited by the Southern Association of Colleges and Schools. The North Carolina Department of Public Instruction has fully accredited the education programs. The Nursing program is accredited by the National League for Nursing and approved by the North Carolina Board of Nursing. Queens is also approved for veterans' education.

Queens College is a member of the Southern Business Administration Association, the Association of Collegiate Business Schools and Programs, and the Conference of Southern Graduate Schools.

NEW COLLEGE AT QUEENS

New College offers undergraduate liberal arts degrees and professional programs for men and women of the community. New College is firmly grounded in the liberal arts tradition, emphasizing the joy of learning within a framework of continuing personal and intellectual development. The curriculum is designed to enhance the pursuit of personal and professional goals.

New College offers three degrees and nine majors: the Bachelor of Arts degree with majors in accounting, business administration, computer information systems, English, history, and psychology; the Bachelor of Science degree with majors in communications and radiologic technology; and the Bachelor of Science in Nursing degree.

THE GRADUATE SCHOOL

The Graduate School at Queens College provides opportunities for post-baccalaureate study and research in demanding professional programs. The graduate programs offer a stimulating and challenging scholarly community for students' maximum intellectual and personal development. The graduate programs include a Master of Business Administration degree, an Executive Master of Business Administration degree, a Master of Education degree with concentrations in Elementary or Middle Grades education; and a Master of Nursing Administration.

THE HONOR CODE

The Honor Code is one of the cherished traditions of Queens College and is of fundamental importance in the educational experience. The Honor Code regulates all phases of college life and is binding on all members of the community. The Code is based on three basic principles: (1) truthfulness at all times, (2) respect for the property of others; (3) honesty in tests, examinations, term papers and all other academic assignments.

When a student applies for admission to the College, he or she is accepting the responsibility of the honor system. This enables that student to enjoy the freedom and privilege of living in a community governed by mutual trust and respect.

THE HONOR PLEDGE

As a member of the Queens College community, I do hereby resolve to uphold the Honor Code of the College and endeavor to create a spirit of integrity and honor for its own sake.

I pledge truthfulness at all times, respect for the property of others, and absolute honesty in the performance of all academic work. Realizing that the Honor Code places upon me demands as well as privileges, I resolve to report any student, including myself, who may violate any of the principles of the Honor Code.

I understand the Honor Code and realize that a plea of ignorance will not be accepted by the college community.

THE JUDICIAL COMMITTEE

Suspected violations of the Honor Code are heard by an undergraduate or graduate Judicial Committee. Additional information is available in the Graduate School and New College Office.

PUBLIC INFORMATION

Information concerning the following items on individual students is considered Directory Information and is public: full name, local address, home address, telephone number, date of birth, major field of study, dates of attendance at Queens College, class year, degrees, honors and awards received, participation in officially recognized college activities and student organizations, parents' or spouse's name(s), class schedules, and religious affiliation.

This information may be released or published without the student's consent. However, students who do not wish this information or any part of it to be released or made public may inform the Registrar's office, in writing, within 10 days after registration for each term. The Registrar will notify other college offices of such requests. Students should understand that if they withhold directory information, it will not be released to anyone unless the health or safety of an individual is involved.

CONFIDENTIAL RECORDS

All personally identifiable material on particular students used to make decisions about students or used for transmittal to others outside the college and which is other than public material, as defined above, is considered confidential. Confidential information includes, but is not limited to, the following items: academic evaluations, advising records, disciplinary records, financial aid records, letters of recommendation, medical or health records, clinical counseling records, transcripts, test scores, and other academic records.

EVERETT LIBRARY

The collections and services of Everett Library are available to all students enrolled in New College and The Graduate School. Students have free access to the stacks and may receive instruction in the use of the library at any time.

Through the generosity of Herschel Hill Everett, chairman of the Board of Trustees from 1952-1967, and his wife, Cornelia Nisbett Everett, the collection was moved in 1960 into the present facility. Colonel J.N. Pease designed the building, and Edmund Lewandowski's mosaic on the facade, depicting the areas of knowledge available within the liberal arts, has become the visual focal point for the dormitory quadrangle.

The library collection is the core of the academic community and is designed to support all the programs of the college. Over 114,000 books and bound periodicals have been assembled in open stacks for students use. In addition, the library currently subscribes to 622 periodicals and provides access to these materials through both traditional printed indexes and computerized indexes. Approximately 2000 books are added to the collection each year. Everett Library is a member of the Federal Depository Library System and maintains a collection of approximately 25,000 U.S. government documents.

Although the book collection is centrally housed in Everett Library, the Music Department maintains a collection of phonograph records and scores pertaining to the history and performance of music.

The library is a subscriber to DIALOG, a computer search service which includes references and abstracts for published literature in many subject areas, statistical tables, and business and financial data. This service is available to students, faculty and staff.

The Margaret Louise Chapman Instructional Media Center is located on the lower level of the library. Donated by the Friends of the Library in 1982, it is a full-service media center with equipment and facilities for the production and use of audio, video, film and photographic software. Production, listening and viewing rooms are available as well as computer terminals linked to the VAX located in the Computer Center and PC's provided by the Computer Center.

The Education Department's state-adopted textbook collection is also housed on the lower floor in the Curriculum Lab.

A Special Collections Room houses Charlotte imprints, books on the history of Mecklenburg County, and materials relating to the history of Queens College.

During the two main academic sessions the library is open from 8 a.m. to 1 a.m., Monday through Thursday; 8 a.m. to 6 p.m. on Friday; 10 a.m. to 6 p.m. on Saturday, and 2 p.m. to 11 p.m., on Sunday. During exams the schedule is extended. During January and Summer terms the schedule is reduced.

STUDENT SERVICES

ACADEMIC ADVISING

In order to maximize the success of the student's educational experience, academic advising is available and encouraged for all students. The advisor is to be used as a resource in planning course schedules and meeting graduation requirements.

The Director of New College is the primary advisor for most New College students. Students with special needs may be assigned a faculty advisor by the Dean. Faculty advisors are assigned for each graduate program.

It is the student's responsibility to schedule advising appointments as often as necessary in order to plan course schedules for each term and to discuss current academic problems.

Though the college makes every effort to counsel the student in planning a program and selecting courses of study, the student is finally responsible for fulfilling all requirements for a degree.

STUDENT ASSOCIATIONS

Student Government Association

New College Student Government, organized in 1981, is the formal means for student involvement in the operations and activities of New College. Representatives are elected each fall by the student body and serve as liaisons between students, faculty and administration.

Phi Alpha Theta

The Alpha Gamma Kappa Chapter of Phi Alpha Theta, the international Honor Society in history, was installed in 1985. A member of the Association of College Honor Societies, the Society promotes history through the encouragement of research and the exchange of learning and thought among historians.

Juniors who have completed at least four history courses with a GPA of 3.100 or better, and an overall GPA of 3.000 or better for two-thirds of the remaining work completed, are eligible for candidacy for membership.

Membership in Phi Alpha Theta is for life and is recognized by the U.S. Civil Service Commission as a credit qualifying for GS-7.

COMPUTER FACILITIES

The Walker Science Computer Center is located in Walker Science Building and houses 2 DEC MICROVAX II computers and several microcomputers manufactured by CEC and IBM. The academic computer is equipped with 320 million characters of on-line disk storage, 30 terminals at various locations around the campus, and a 600-line-per-minute printer. Queens is a subscriber to the North Carolina Educational Computing Service (NCECS).

The Dickson Microcomputer Center provides microcomputer suppport for academic courses. The center houses nineteen IBM Personal Computers with dual disk drives and graphics capability, ten dot matrix printers, and one letter-quality printer. Software available includes complete commercial versions of spreadsheet, database, word processing, project management, accounting, linear programming, and other application packages. The center is used as both a classroom and an open laboratory. Hours for laboratory use are announced at the beginning of each academic term.

OFFICE OF CAREER DEVELOPMENT

The Office of Career Development provides various personal and group services to Queens students and to members of the community. The center offers individual and group career/life planning services. Fees are set at $50.00 for individual counseling for New College and graduate students. Fees for workshops and testing may vary.

Currently enrolled students are encouraged to utilize the library resources in the Career Center at no charge. These resources include full and part-time job listings.

The Queens Career Center is located on the second floor of Harris House with staff offices and an extensive Career Library. The center is open from 8:30 to 5:00, Monday through Friday.

BOOKSTORE

The Queens College Bookstore is located in the basement of Morrison Hall and may be entered from a door on the Selwyn Avenue side of the building. Regular bookstore hours are 9:00 a.m. to 6:15 p.m., Monday through Thursday, and 9:00 a.m. to 4:00 p.m. on Friday. In addition to textbooks and academic supplies, the Bookstore also sells beverages and some snack foods.

DINING HALL

Morrison Dining Hall is open from 5:15 p.m. to 6:30 p.m. for dinner. There is a dinner ticket program that currently enrolled students may use. A ten-ticket packet may be purchased from the Office in Morrison Dining Hall and used for any dinner during the semester except Wednesday night family style. A single ticket may be purchased at the door.

Other facilities available for students include the Snack Bar located in the Jernigan Building which operates Monday through Thursday from 8 a.m. to 8 p.m. during the fall and spring terms. Vending machines for student use are located in the basement of McEwen Building, the first floor of Dana Building, and the first floor of Jernigan Building.

HOUSING

Accepted New College and Graduate School students may live on campus in Barnhardt Hall as part of the Live, Work and Study Program. The monthly charge is $275.00 for a furnished private room or $235.00 for a furnished shared room. A kitchen is provided on the hall with meal plans available in the Dining Hall. For further information, contact the Dean of Student Development at 337-2226.

POOL AND TENNIS COURTS

New College and Graduate School students with student ID's may use the swimming pool and five tennis courts, three of which are lighted. Open Hours for the pool are posted each semester. Tennis court access cards are available from the Physical Education Office during Fall and Spring terms only. A deposit is required. For more information, call the gymnasium, 337-2228.

HEALTH CENTER

New College and Graduate students may receive immunizations for measles, rubella, diphtheria and tetanus at the Health Center for a nominal charge. The Center is open 24 hours a day from 3:00 p.m. Sunday until 3:00 p.m. Friday during fall and spring terms. Please call 337-2220 for an appointment.

DEPARTMENT OF PUBLIC SAFETY

The Public Safety Department was established to maintain a safe environment for the college community. Officers with the department are commissioned Campus Police Officers by the Attorney General of North Carolina and have full police powers on campus. Officers patrol the campus 24 hours a day and are on duty year round, including holidays. The Director of Public Safety not only has responsibilities for police and security functions, but also enforces all safety and fire regulations on campus.

Parking

A student parking permit is available at the Office of the Department of Public Safety, located in the Stultz Building. The permit is valid for one academic year and allows the student to park in assigned lots and unrestricted zones during times indicated in the Queens College Rules and Regulations Handbook.

Escorts

Persons may call (Ext. 306) or come by the Public Safety Office and request an escort to or from the parking lots. This service is available 24 hours a day. Please keep in mind that it might take a few minutes to give you the assistance because of other duties or emergencies that may arise.

Emergency Telephones

Telephones are located in each of the parking areas and buildings on campus. These should be used by persons requesting assistance or in need of help from Public Safety (EXT. 306).

TUITION AND FEES

While the Board of Trustees and the administration of the college reserve the right to adjust the schedules at Queens at any time, the following basic fees have been established for the fiscal year 1989-90.

An initial deposit of $50.00 is required from new students within 30 days of notification of acceptance. This deposit is applied toward tuition and is non-refundable within 30 days of registration for the applicable term.

New College Tuition

Tuition Per Credit Hour	$135.00

New College Fees

Application Fee (non-refundable)	
Degree Candidate	15.00
Special Student	5.00
Registration Fee (non-refundable)	15.00
Late Registration Fee (non-refundable)	5.00
Transcript Fee (if necessary)	3.00
Graduation Fee	50.00
Parking Permit	10.00
Identification Card Replacement	3.00

Graduate Tuition

MBA Per Credit Hour	$160.00
MNA Per Credit Hour	$160.00
MLA Per Credit Hour	$150.00
MEd Per Credit Hour	$150.00

*Master of Education students should note details of the Scholarship program on page 19.

Graduate Fees

Application Fee (non-refundable)	20.00
Registration Fee (non-refundable)	15.00
Late Registration Fee (non-refundable)	5.00
Transcript Fee (if necessary)	3.00
Graduation Fee (Cost of purchasing Masters hood is not included)	65.00
Parking Permit	10.00
Identification Card Replacement	3.00

Course Fees and Lab Fees

Specific course fees and lab fees are listed with the course descriptions in the catalog. Students pay these fees in addition to the appropriate tuition for the courses. Applied music course fees are as follows:

Weekly half-hour private music lesson	$75
Additional weekly half-hour private music lesson in same or different applied area	$60
Practice studio rental	$15
Instrument rental	$15
Organ practice	$25

LIVE, WORK, STUDY FEES

The rent, including activity fee, for the Live, Work, Study program is $240.00 per month for double occupancy and $280.00 per month for single occupancy. The complete fee schedule may be obtained from the Office of Student Development.

CLEP AND CHALLENGE EXAMINATIONS

The fee for each CLEP (College Level Examination Program) test is $35. The fee for each internally set challenge examination is $75. A recording fee of $20 is charged for each course added to the student's transcript.

DUAL ENROLLMENT IN QUEENS COLLEGE OF ARTS AND SCIENCES

Tuition for the College of Arts and Sciences is $150.00 per credit hour for 11 or fewer credit hours. New College and Graduate School students who take a course in the College of Arts and Sciences will pay the College of Arts and Sciences' tuition. Students who take *12 or more credit hours in the College of Arts and Sciences* must pay its comprehensive fee of $3,775 for the term. However, post-baccalaureate students seeking teacher certification will not be charged this comprehensive fee for the student-teaching 12-hour block; they will pay the College of Arts and Sciences rate of $150.00 per credit hour for this course work.

REGULATIONS REGARDING PAYMENT

Upon signing the application for admission, the applicant accepts as binding all fees and regulations set forth in the catalog.

1. A student is not permitted to attend classes until satisfactory arrangements have been made to meet all financial obligations. Continued class attendance is contingent upon maintaining good financial standing throughout the term.
2. Credit for financial aid is divided equally between the fall and spring terms.
3. Discount or scholarship awards may not be applied against the initial $50 deposit.
4. Diplomas, certificates, and transcripts are granted only when the student's accounts have been paid in full.

DEFERRED PAYMENT PLANS

Queens College offers two deferred payment plans: a Scheduled Payment Plan and a Company Assistance Plan.

I. Scheduled Payment Plan

Scheduled Payment Plans are available for Term I, Term II, and the Summer Term. The Scheduled Payment Plan is not available for the January Term.

Payments for Term I may be made in four equal installments, payable at registration and on the 15th of September, October, and November. Payments for Term II may be made in four equal installments, payable at registration and on the 15th of February, March and April. Summer payment dates will be publishd in the spring prior to registration for the Summer Term.

A deferment fee is incurred each term during which the Scheduled Payment Plan is selected. A late payment penalty is incurred if an installment is not paid during the month in which it is due. This penalty is assessed on the last day of each month for each past-due installment or portion thereof. The schedule of deferment fees and late payment penalties is available in the Business Office.

II. Company Assistance Plan

If a student's employer is paying all or part of the student's tuition, Queens College will defer payment of that portion of tuition until eight weeks after the end of the term.

A deferment fee is incurred each term the Company Assistance Payment Plan is selected. A late payment penalty is incurred if an installment is not paid during the month in which it is due. This penalty is assessed on the last day of each month for each past-due installment or portion thereof. The schedule of deferment fees and late payment penalties is available in the Business Office.

WITHDRAWAL AND FINANCIAL OBLIGATIONS

Withdrawal — Academic Ineligibility

A student determined to be academically ineligible to return by the Student Qualifications Committee of the college will receive a refund if the student has made payments or has a credit balance toward the next term's tuition and fees.

Withdrawal — Illness

Students who withdraw from the college during the academic year as a result of illness will have tuition and lab and course fees prorated as of the date of withdrawal, provided the physician recommends withdrawal in a letter submitted to the Office of the Graduate School or New College.

Withdrawal — Other Reasons

Students who withdraw from the college during the academic year on their own initiative will have tuition and lab and course fees prorated as of the date of withdrawal as follows.

	TERM I	TERM II
25% charged if withdrawing by	9/19/89	2/16/90
50% charged if withdrawing by	9/26/89	2/23/90
75% charged if withdrawing by	10/3/89	3/2/90
100% charged if withdrawing after	10/3/89	3/2/90

Proration dates for the Summer Term will be published prior to registration. There will be no refund of tuition or fees in January Term after registration.

Students suspended by the college will be subject to tuition proration according to the above schedule.

Students who feel that individual circumstances warrant exceptions from the above-stated policy may appeal to the Financial Policies Committee, provided such appeal is made in writing to the Treasurer and Business Manager before the end of the term for which proration is requested.

WITHDRAWAL INVOLVING FINANCIAL AID

If the Business Office determines that the student is due a refund and all or part of the student's institutional charges were paid with financial aid funds, all or a proportionate part of the total refund must be returned to the Title IV Financial Aid Accounts and may be returned to other financial aid accounts if necessary.

Amounts to be returned will be determined as follows:

1. $\frac{\text{Title IV Aid}}{\text{Total Aid Package}}$
2. This fraction will be applied to the total refund due.
3. The resulting amount is the amount of the Title IV funds to be returned to Title IV Programs.

Queen's policy is to distribute this amount of funds to Title IV Programs in the following order, in no case exceeding the total amount originally awarded from that fund.

Undergraduate
(1) Supplemental Educational Opportunity Grants
(2) Perkins Loans
(3) Pell Grants
(4) Guaranteed Student Loans
(5) Other Programs (State and Institutional)

Graduate
(1) Perkins Loans
(2) Guaranteed Student Loans
(3) Other Programs (State and Institutional)

FINANCIAL AID

Queens makes every effort to meet the demonstrated need of students. Both undergraduate and graduate students must take six credit hours at Queens in order to be eligible for any financial assistance. Although many students who are employed may not qualify for grant assistance on the basis of need, the Student Aid Office will seek to determine sources of loan assistance whenever possible.

QUEENS SCHOLARSHIPS AND FELLOWSHIPS

Undergraduate

Karl and Anna Ginter Fellowships range from a $300 honorarium to a maximum of $2,000 annually, and are awarded to new degree candidates enrolled in New College. Awards are made on the basis of academic promise, personal achievement, and outstanding character. Fellowship recipients must take a minimum of 12 credit hours per year (including summer) and must maintain a cumulative grade-point average of 3.0.

Each degree candidate is eligible to apply for a Ginter Fellowship only upon entry into the program. Awards are made annually. Applications are available through the Admissions or Financial Aid Offices.

James D. Vail III Fellowships are available to New Dimensions and Registered Nurse students who are pursuing a BSN and exhibit promise, leadership, and academic achievement. The Fellowships range from a $300 honorarium to a maximum of $2000 annually. Awards of these fellowships are made annually; application may be made through the Financial Aid Office. James D. Vail Fellows are selected by the Division of Nursing Admissions and Placement Committee on the basis of academic achievement, community service, and leadership.

Ministerial Tuition Remission is available to any undergraudate student who is the dependent or spouse of an active Presbyterian minister. Dependents of active ministers of the Presbyterian Church U.S.A. Synods of the Mid and South Atlantic will receive a 20 percent tuition remission. Dependents of active ministers in all other Synods of the Presbyterian Church U.S.A. will receive a 15 percent tuition remission.

Graduate

Blumenthal Fellowships, made possible by the Blumenthal Foundation, range from a $300 honorarium to a maximum of $2000 annually and are available to Master of Business Administration (MBA) students who are truly outstanding in academic achievement and potential. Blumenthal Fellows are selected on the basis of academic achievement, community service, and outstanding character.

Any student accepted into the MBA program is eligible to apply for a Blumenthal Fellowship. The student must have a GMAT score of at least 525 and a minimum total index of 1150 (GPA × 200 plus GMAT score). The opportunity to apply or to be nominated for this fellowship is only available upon entry into the graduate program. Awards are made annually.

Blumenthal Fellows must attend and participate in The Blumenthal Conference on Business Ethics held annually at Wildacres Retreat in Little Switzerland, North Carolina. Fellows' expenses are covered by the Foundation.

MEd Scholarships of 50 percent of graduate tuition are available to all qualified MEd applicants. To apply for the MEd Scholarship the student must complete the appropriate form supplied by the Admissions Office.

Margaret C. Vail Fellowships range from a $300 honorarium to a maximum of $2000 annually. These awards are available to Masters of Nursing Administration (MNA) students who are outstanding in academic achievement, leadership and promise. Degree candidates are eligible to apply for the Margaret C. Vail Fellowship upon entry into the program. Awards are made annually and applications may be obtained through the Financial Aid office. Fellows are selected on the basis of academic achievement, community service and leadership.

FEDERAL PROGRAMS

Undergraduate

1. *Pell (BEOG) Grants* are available to eligible undergraduate students on the basis of financial need. The maximum grant is $2300 for full-time enrollment (12 hours) and varies depending upon enrollment status, and financial need. A student may submit the Student Aid Report resulting from filing an application for Federal Aid to the Office of Financial Aid at Queens to determine the amount for which he or she is eligible. A signed copy of the 1988 income tax return is required for all documentation before the awarding of a Pell grant.
2. *Supplemental Education Opportunity Grants (SEOG)* are available on an annual basis to undergraduate students demonstrating extreme financial need. These grants range from $200 to $2,000 and may be renewed from year to year depending on need.
3. *The College Work Study Program (CWSP)* assists qualified students in meeting educational expenses through employment on campus during the academic year at a specified hourly rate. Eligibility for this program depends upon financial need.

Undergraduate and Graduate

1. *Perkins Loan (formerly called National Direct Student Loan)* program permits students with established need to borrow as much as $4,500 during their first two years of undergraduate enrollment, and up to a total of $9,000 during the undergraduate programs. Students

with extreme need may be eligible for loans for graduate study. The total loan limit for undergraduate and graduate study is $18,000. These loans bear a five percent annual interest rate during repayment. Repayment begins six to nine months after the borrower ceases to be at least a half-time student and may extend over a period of 10 years. If the borrower enters certain public-service occupations, the loan may be cancelled.

2. *Stafford Loan (formerly called The Guaranteed Student Loan Program)* permits students, upon recommendation of the college, to borrow from a bank or other financial institution with a federal government guarantee of repayment. Payments are usually deferred until after the student completes school. Terms for these loans and of guaranteed interest arrangements may be obtained from participating banks or agencies in the state where the student resides. The college will advise the student in the process. North Carolina residents should apply for the N.C. Insured Student Loan through College Foundation, Inc. (see State Programs). The amount of funds available under federal programs is determined by the U.S. Department of Education and congressional action. Students' awards vary with availability of funds and program regulations, subject to annual legislative changes.
3. *Supplemental Loans for Students (SLS)* program permits "independent" (as determined by the Financial Aid Office) undergraduate and graduate students who are ineligible for Stafford Loans (or who need additional loans) to borrow up to $4000 per year (loan limit of $20,000). Eligibility is based on the credit worthiness of the applicant. Interest accrues during repayment and enrollment period, and is a variable rate (not to exceed 12 percent). For more information, contact the Financial Aid Office.

STATE PROGRAMS

Undergraduate

1. *North Carolina Legislative Tuition Grants (NCLTG's)* in the amount of $1,100.00 per academic year are available to North Carolina residents pursuing their first bachelor's degree and enrolled for 12 credit hours per semester.
2. *The N.C. Student Incentive Grant (NCSIG)* is available to North Carolina residents who are full-time students and who demonstrate extreme financial need. Grants range up to a maximum of $1,500 for eligible students. Need analysis (FAF) report must be sent to the NCSIG Program in Raleigh, N.C. before March 31.

Undergraduate and Graduate

The North Carolina Insured Student Loan Program permits state residents enrolled at least half-time (6 hours) to borrow up to $2,625 until they have successfully completed the second year of an undergraduate program, and $4,000 per academic year until completion. Graduate students may borrow up to $7,500 per year. The maximum loan limit for undergraduate study is $17,250 and $54,750 for graduate and undergraduate borrowing. Interest rates are currently eight percent, and interest and payments are deferred until the student completes school. All students must submit a *Financial Aid Form* in order to determine eligibility. Loan applications should be required directly from the lender:

College Foundation, Inc.
1307 Glenwood Avenue
Raleigh, N.C. 27605

State programs are subject to federal and N.C. legislative changes.

APPLICATION PROCEDURES

To apply for federal and state financial assistance, students must have been admitted to the college as degree candidates and must complete and submit two application forms:

1. The Queens College Application for Financial Aid to be submitted to the Director of Financial Aid, Queens College, Charlotte, North Carolina 28274.
2. The Financial Aid Form (FAF) to be submitted to the College Scholarship Service, Box 2700, Princeton, New Jersey 08541. The student should list Queens College, Charlotte, N.C., CSS code 5560, as the institution to receive the report.

A copy of the 1988 Income Tax Return may be required for verification purposes, as well as other documentation as requested.

Application for financial aid should be submitted by entering students as soon as possible. Notification of action by the college will be sent after Queens receives an evaluation of the applicant's need from the College Scholarship Service.

FINANCIAL AID POLICIES

Most financial aid programs are renewable throughout undergraduate or graduate years if the recipient demonstrates satisfactory academic progress. The Student Qualifications Committee evaluates the progress of undergraduate students at Queens and determines eligibility for continued enrollment according to the standards indicated under "Academic Standards" and "Eligibility to Continue." The Graduate Qualifications and Standards Committee evaluates the progress of graduate students at Queens and determines eligibility for continued enrollment, according to the standards indicated under "Academic Regulations." Students receiving federal Title IV financial aid funds must meet these minimum standards *as well as* a minimum credit hour accrual which indicates progress toward completion of a degree.

Statements of Academic Progress Standards are sent to all aid recipients with award notices and are available upon request from the Financial Aid Office.

Students must reapply to the Financial Aid Office for assistance each year. The amount offered may vary from year to year depending upon availability of funds and need of students.

Financial aid recipients who withdraw during the school year will have their aid prorated according to the regulations governing withdrawal, and may be required to refund funds to various programs.

Queens reserves the right to review and modify an offer of financial aid should the recipient receive aid from other sources after the Queens' program has been offered. All federal and state programs are subject to congressional legislative change.

NEW COLLEGE
AT
QUEENS

NEW COLLEGE

ADMISSION

Applications for admission may be obtained by writing the Admissions Office, Queens College, 1900 Selwyn Avenue, Charlotte, North Carolina 28274, or by calling (704) 337-2313.

FOR CAMPUS VISITS

Students seeking information about the college are encouraged to visit the campus and Admissions Office. The Admissions Office is open from 8:30 to 5:00 on weekdays throughout the year. Appointments for evenings or Saturdays may be made by calling the Admissions Office during regular hours. The Admissions Office is located in Burwell Hall.

RECORD OF IMMUNIZATIONS

North Carolina law mandates that certain students present proof of specific immunizations. Undergraduate and graduate students who register for a class which begins before 4:00 p.m., including weekend classes, must submit a physician's certified record of these immunizations prior to registration. Forms for this purpose are available at the Admissions Office and the Health Center.

UNDERGRADUATE ADMISSION REQUIREMENTS

New College admissions policy is designed to select students of outstanding promise. Each applicant is considered on the basis of his or her individual achievements, merits and potential for academic success. Students may apply as either special students, to take a limited number of courses, or as degree candidates.

To apply as a candidate for the bachelor's degree the following materials must be provided to the Office of Admissions:

1. High School diploma or equivalent.
2. High School transcript(s).
3. Transcript(s) from all colleges attended.
4. Two letters of recommendation.
5. Completed degree candidate application form.
6. Application fee of $15.00.

To apply as a special student the following materials are required:

1. High School diploma or equivalent.
2. High School transcript(s).
3. Transcript(s) from all colleges attended.
4. Completed special student application form.
5. Application fee of $5.00.

Special students who do not already have a bachelor's degree may take no more than 15 credit hours. After completion of 15 hours the student must either apply as a candidate for the bachelor's degree, or petition the Dean for permission to take additional coursework. Special students who already have a bachelor's degree have the privilege of unlimited credit. *All special students must maintain a C average to continue their enrollment.*

LENGTH OF ADMISSION ELIGIBILITY

Acceptance into the college will remain effective for up to one calendar year following the commencement of the semester for which the acceptance has been made. Individuals who wish to enter after the one-year period are required to reapply, and the admission decision will be based on the existing admission standards at the time of reapplication.

READMISSION TO THE COLLEGE

A student who has previously been admitted to the college but who has withdrawn in good standing and wishes to return may apply for readmission to the college. Materials required for admission include:

1. A completed re-admission application form.
2. Application fee of $5.00.
3. Any official transripts, recommendations or other materials not received or retained from the previous admission.

A student who is readmitted to the college is bound to the catalog in effect during the term in which the readmitted student matriculates.

TRANSFERRED CREDIT

Official evaluations of transferred credit are only made for students who have been admitted to the college as degree candidates. The Registrar will determine the number of credit hours which will transfer toward a degree in New College only after official transcripts of all colleges attended have been received. Only courses which have been completed with a grade of C or better will be considered for transfer credit. Credit transferred from two-year institutions can be classified only as either 100 or 200 level credit.

Ordinarily, a student who has been admitted to Queens College may take courses at another accredited institution for credit at Queens, provided that these courses are equivalent or supplemental to those offered at Queens. In order to receive this credit, he or she must, however, secure the prior permission of the Vice President for Academic Affairs and the appropriate department head, for any course which the student wishes to take at another school and transfer back to New College. Courses taken without prior approval will not be accepted for credit.

The student must have the other institution send an official record of his or her work for the Queens College Registrar, and must make a grade of C or higher on each course for which he or she would receive credit. The student's grade-point average at Queens is not affected by course credit earned at other institutions.

CREDIT BY CLEP EXAMINATION

New College awards credit and/or advanced placement to students who score satisfactorily on approved subject level tests of the College Level Examination Program (CLEP) and to students who score satisfactorily on validation exams administered by the college.

Credit will not be granted if it duplicates credit already earned. CLEP credits will not satisfy the final 30 hours required for graduation from Queens College, and neither grades nor grade points will be awarded. Grading of CLEP examinations is on a Pass/No Record basis. No more than 38 credit hours may be earned through examinations for credit.

A fee for each test is $35.00. An additional recording fee of $20.00 will be charged for each course for which credit is awarded. Students who wish further information about CLEP should contact the Office of Career Development.

CREDIT BY CERTIFICATION

Thirty credit hours are accepted toward a major in radiologic technology for those persons certified by the American Registry of Radiologic Technologists.

HIGH SCHOOL DUAL ENROLLMENT

Any junior or senior in a Charlotte-Mecklenburg area secondary school may apply for admission as a special student in New College when recommended by the secondary school.

Following graduation from high school a student may have credit earned under the dual enrollment program applied toward a degree at Queens College or transferred to another institution.

INTERNATIONAL STUDENTS

New College welcomes international students. Candidates must provide the Office of Admissions with a completed college application for admission accompanied by the payment of a $15.00 filing fee. Applicants must request that their transcripts from each institution attended be forwarded to the Office of Admissions. Transcripts must be translated into English by an official at the school issuing the transcript. It is recommended that international students take the Scholastic Aptitude Test (SAT). Any student for whom English is not the first language must satisfactorily complete the Test of English as a Foreign Language (TOEFL) with a score of 550 or higher and have the score sent to the Office of Admissions.

IN SUMMARY

While there are no deadlines for application, prospective students should apply for admission as early as possible. Application forms should be obtained from the Office of Admissions and should be returned with a non-refundable fee of $15.00 for degree candidates or $5.00 for special students. It is the student's responsibility to request that his or her high school transcripts (and recommendations, if required) be sent to the Admissions Office. Students who have attended college elsewhere must request transcripts from each college attended.

The Admissions Office will act on an application as soon as all information and transcripts have been received. The Registrar will evaluate the transferred credits of degree candidate applicants after all college transcripts have been received.

ACADEMIC POLICIES

CATALOG OF ENTRY

The catalog in effect for the semester in which a student registers for his or her first class is the student's catalog of entry.

RECORD OF IMMUNIZATION

North Carolina law now requires students who register for a class which begins before 4:00 p.m., including weekend classes, to present valid certificates of immunization to the college at or prior to registration unless the student is exempt from the law. A student will be exempt from the law if the student was enrolled in the 1986 spring or summer term and is continuously enrolled after that time, OR, if an exemption is granted for medical reasons, OR, if an exemption is granted for religious reasons. Record of immunization is NOT necessary for students who are taking classes which begin at 4:00 p.m. or later.

A student will need to furnish proof of immunization *only* if enrolled in a class which begins before 4:00 p.m., such as a Saturday class. Contact current or past physicians for proof of immunization or to begin immunizations.

Immunization requirements:

For students born in 1957 or later (*and* who are at least 18 years of age):

3 DTP or Td doses (or a single Td booster) within the last 10 years,

1 Measles (Rubeola) immunization on or after the first birthday, and

1 Rubella (German Measles) immunization.

For student born prior to 1957:

3 DTP or Td doses (or a single Td booster) within the last 10 years,

1 Rubella (German Measles) immunization,
(Rubella dose *not* required for students 50 years of age or older.)

Any student who does not present valid proof of immunization or exemption, but is allowed to register, must be immunized during the initial 30 days of the semester. Students who fail to comply will NOT be allowed to continue in any course(s) which begin before 4:00 p.m., but will be automatically withdrawn from the course(s).

The college may not allow students without proper immunizations to register for any classes which begin before 4:00 p.m.

Forms which students may provide their physicians to certify immunization are available in the Health Center. Students may also call the Health Center to schedule an appointment for immunizations, or to receive further information. The Health Center is open 24 hours a day from 3:00 p.m. Sunday until 3:00 p.m. Friday during fall and spring terms, and may be contacted at 337-2220.

REGISTRATION

All students are expected to register at the time and place indicated on the schedule each term. There will be a late fee charged for registration at any other time.

DROP AND ADD

The Drop and Add period is limited. A course may be dropped only before the first class meeting. After the first class meeting, the only way to drop a course without financial penalty is to add another course in its place.

When a course is dropped there is no record of that registration, and no charge is incurred for that course. A student who drops all of his courses in New College in his first semester of attendance will not have matriculated into the college.

To drop a course the student must contact the New College Office and complete the appropriate form.

WITHDRAWAL FROM A COURSE

After the first class in a course has met, the student who does not wish to continue in that course but does not add another in its place must withdraw from the course, and a full refund is not possible. (See section on Withdrawal and Financial Obligations.)

Withdrawal from a course is a different process from dropping a course, described above. After the first class in a course has met, a student must contact the New College Office and complete the appropriate form to withdraw from a course. The student will receive a grade of WP or WF.

A student who abandons a course during the semester will receive a grade of F for the course.

The deadline for withdrawing from a course is one calendar week after the mid-point in each fall and spring term. A student who misses the deadline for withdrawal from a course may petition the Vice President for Academic Affairs for permission to withdraw.

WITHDRAWAL FROM THE COLLEGE

A student wishing to withdraw from the college must notify the Vice President for Academic Affairs in writing in order to maintain a good standing. Appropriate withdrawal forms are available in the New College Office. Upon withdrawal from the College all grades in progress will be recorded as either WP or WF. If a student simply stops attending classes all grades will be recorded as "F."

Students who intend to stay out for two consecutive major terms (fall/spring) should notify the Vice President for Academic Affairs and withdraw from the college to facilitate their readmission at a later date.

Other students who stay out for two consecutive major (fall/spring) terms will be automatically withdrawn from the college.

The college reserves the right to require at any time the withdrawal of a student whose conduct or academic work is not considered satisfactory.

ATTENDANCE POLICIES

The college expects students to attend all class sessions. Specific attendance policies for each course are set by the individual faculty members. The faculty member announces at the beginning of each term the policy to be applied in a particular course and attendance policies for each course are kept on file in the Office of the New College and The Graduate School.

RECORDS OF PROGRESS

Records of progress are kept by this institution on veteran and non-veteran students alike.

Grade reports are sent at the end of each term. Mid-term reports may be issued in fall and spring terms to indicate special difficulties in course work. Only final term grades are permanently recorded.

TRANSFERRED CREDIT

Official evaluations of transferred credit are only made for students who have been admitted to the college as degree candidates. The Registrar will determine the number of credit hours which will transfer toward a degree in New College only after official transcripts of all colleges attended have been received. Only courses which have been completed with a grade of C or better will be considered for transfer credit. Credit transferred from two-year institutions can be classified only as either 100 or 200 level credit.

After a student has been admitted to New College, he or she may take courses at another accredited institution for credit at Queens, provided that these courses are equivalent or supplemental to those offered at Queens. In order to receive this credit, he or she must secure the prior permission of the Vice President for Academic Affairs and the appropriate department head, for any course which the student wishes to take at another school and transfer back to New College. Courses taken without prior approal will not be accepted for credit.

The student must have the other institution send an official record of his or her work to the Queens College Registrar, and must make a grade of

C or higher on each course for which he or she would receive credit. The student's grade-point average at Queens is not affected by course credit earned at other institutions.

RESIDENCY REQUIREMENT

Every degree candidate who does not already hold an undergraduate degree from an accredited college or university must complete at least 60 credit hours of his or her academic program at New College.

The residency requirement may be reduced for the student who does not already hold a bachelor's degree but has earned more than 60 hours at the undergraduate level, if the student has an overall B average in all transferred work, with at least 70 percent of the transferred work earned at an accredited four-year institution. The 60 hour minimum residency requirement may be reduced by no more than 15 credit hours.

Students who meet these stipulations may apply for a reduction in residency requirements through the Vice President for Academic Affairs.

At least 50 percent of the major must be taken at Queens College regardless of any reduction in residency requirements. Students who complete less than 60 hours of their degree at Queens College are *not* eligible to graduate with honors. The last 30 hours (equivalent to the senior year) *must* be taken at Queens College.

RESIDENCY REQUIREMENT — SECOND DEGREE CANDIDATES

Students who hold an undergraduate degree either from Queens or from another accredited college or university, and who are seeking a second degree from Queens, must complete at least 30 semester hours at Queens College.

DUAL ENROLLMENT

Any New College student may request permission to register for a course offered in the College of Arts and Sciences. Permission forms are available in the New College Office.

New College students who dual enroll in the College of Arts and Sciences must follow that college's *procedures,* including procedures for registration, drop/add, and withdrawal from a course, that college's *calendar,* which usually varies somewhat from the New College calendar, and will be charged that college's *tuition.*

STUDENT CLASSIFICATION

A *degree candidate* is one who is admitted to pursue a bachelor's degree.

A *special student* is one who is admitted with a non-degree status, and may enroll for a cumulative total of 15 credit hours. After completing 15 credit hours, a special student must apply for admission as a degree candidate, or for special permission to continue. A student already holding a bachelor's degree may take an unlimited number of hours as a special student. Special students must comply with all college regulations.

A *transient student* is a degree candidate at another institution enrolled for credit at Queens through arrangements with the institution which will ultimately grant the degree.

A *continuing education student* is one who is enrolled only in non-credit programs in the Office of Continuing Education or in Queens Compute.

STUDENT CLASS STATUS

Students following a degree program are assigned class status according to the number of credit hours earned.

Class Status	Credit Hours
Freshman	0-23
Sophomore	24-51
Junior	52-89
Senior	90 or more

EXAMINATIONS

The student's work is evaluated periodically. At the end of each term, evaluations — normally written evaluations — are made in all courses. Final written examinations are generally between two and three hours long. In 300 and 400 level courses the instructor may give the examination during the regularly scheduled time or may give a take-home examination. The schedule for final examinations is established by the Registrar. Permission to change an examination schedule or to make up an examination must be granted by the Vice President for Academic Affairs.

GRADES AND GRADE-POINTS

Graduation requirements are based on both the quantity and quality of the student's work. New College uses the following system of grades and grade-point value per credit hour.

Grade	Grade-Point Value
A	4.0
A−	3.7
B+	3.5
B	3.0
B−	2.7
C+	2.0
C	2.5
C−	1.7
D+	1.5
D	1.0
I	Incomplete Will become A to F upon completion
F	0

The following grades have no effect on grade-points:

P	Pass with a C− or better
N/R	No Record
WP	Withdrew with a D or better
WF	Withdrew failing
AU	Audit

INCOMPLETE GRADES

A grade of I is given at the discretion of the instructor and must be filed in the Registrar's office. A grade of I automatically becomes F if the student fails to make up incomplete work satisfactorily. A grade of I incurred during the fall or January term must be removed by the end of the first two weeks of the following spring term. An I incurred during the spring or summer terms must be removed by the end of the first two weeks of the following fall term.

A student may request an extension of this period not to exceed the end of the immediately following semester. Permission is granted at the discretion of the instructor and must be filed in the Registrar's Office.

REPEATING A COURSE

A student who has received an F for a course may repeat that course; the F will remain on the student's record in that case, but only the second grade for the course will be figured into the student's cumulative grade-point average. This is the only case in which a student may register to enroll in the same course twice, unless the course is listed "May be repeated for credit."

NOTE: This policy will be discontinued after the current academic year. Beginning in the 1990-1991 academic year, the F grade will be counted in the student's grade point average.

PASS/NO RECORD

Pass/No Record is a grading philosophy designed to encourage students to explore new areas. Courses selected by the student to fulfill the Distributed Requirements may be taken P/NR. A grade of P is recorded if the student makes a grade of C− or above. If the student makes a D+, D, or F, it is not recorded. Courses taken for P/NR are not counted in the calculation of the student's grade-point average. Students may take up to a maximum of two courses a year on a P/NR basis, but may take no more than one course on a P/NR basis in any one term.

STUDENTS MUST DESIGNATE AT REGISTRATION THAT GRADING WILL BE P/NR. Up to one week after the mid-point of the semester, however, the student may change from P/NR basis back to a graded basis. Some courses specifically designated (for example, art studio, applied music) may not be taken P/NR. Unless a student obtains permission from the Vice President for Academic Affairs, a course in a major department may not be taken on a P/NR basis.

Students planning advanced academic work should be informed that Pass grades may be interpreted as grades of "C" by graduate institutions and an inordinate number of such grades may be looked upon with disfavor by graduate admissions committees.

AUDITING COURSES

With the written consent of the Vice President for Academic Affairs and the course instructor, a student may audit a course. Audit courses receive no credit, but do appear on college transcripts. STUDENTS MUST DESIGNATE AUDIT COURSES AT REGISTRATION. Drop/Add and Withdrawal procedures apply to audit courses. Auditors are expected to attend classes regularly. Students who wish to audit a course must have been admitted to the college. There is no reduction to tuition for auditing a course.

ELIGIBILITY TO CONTINUE

The faculty of Queens College determines the academic standards which are administered by the Undergraduate Student Qualifications Committee. This committee reviews each case of academic difficulty at the end of each term and determines the student's eligibility status.

When students fail to make satisfactory progress according to the guidelines stated in the catalog, the Undergraduate Student Qualifications Committee places various stipulations to encourage the student to meet the minimum standards. If the student does not meet the stipulations set, he or she will be subject to dismissal from the college.

ACADEMIC STANDARDS AND STUDENT QUALIFICATIONS

While New College makes every effort to encourage students and to assist those in difficulty, it is unfair to the student and to the college to retain anyone who fails to make reasonable progress. The faculty of Queens College determines the academic standards which are administered by the Undergraduate Student Qualifications Committee. This committee reviews each case of academic difficulty. A student is automatically placed on academic probation if his or her cumulative grade-point average is below the following levels for class standing.

Class Status	Credit Hours	Minimum Cumulative Grade-Point Average
Freshman	0-12	1.500
	13-23	1.800
Sophomore	24-37	1.800
	38-51	1.900
Juniors	52-70	1.900
	71-89	2.000
Seniors	90 or more	2.000

When a student fails to make a grade-point average according to these guidelines, the Student Qualifications Committee imposes various stipulations to encourage the student to meet the minimum standards. These stipulations are sent in writing to the student. If the student does not meet the stipulations, he or she will be subject to dismissal from the college.

Students on academic probation who receive the grade of Incomplete (I) during fall term or spring term must complete the course work and receive a regular letter grade before the beginning of the following regular academic term (fall or spring).

The records of *part-time degree candidates* will be reviewed for probationary consideration after 9 semester hours of work have been completed at Queens College, and thereafter in increments of 9 semester hours of work. The summer term will be considered in evaluating a student's probationary status if at least nine semester hours are taken. Part-time students are expected to maintain cumulative grade-point averages commensurate with their class status.

The records of *special students* also will be reviewed after 9 semester hours of work have been completed at Queens College, and in increments of 9 semester hours of work. Special students are expected to maintain a 2.000 average in order to continue at the college.

The student who does not show improvement and fails to meet the college's scholastic standards may be asked to withdraw from the college. All decisions regarding the dismissal may be appealed to the President of the college.

The readmission policy for a *full-time student* who has been judged academically ineligible to return is as follows. In order for the student's application for readmission to be considered, the student must complete at least nine semester hours (or an equivalent number of quarter hours) at an accredited institution (a) in one fall or spring semester and achieve a GPA of 2.000 or better in each course, or (b) in one long summer session and achieve a GPA of 2.000 or better in each course, or (c) in two short consecutive summer terms and achieve a GPA of 2.000 or better in each course.

The readmission policy for a *part-time student* who has been judged academically ineligible to return is as follows. In order for the student's application for readmission to be considered, the student must complete nine semester hours (or the equivalent number of quarter hours) at an accredited institution and achieve a GPA of 2.000 or better in each course.

DEAN'S LIST

Each fall a New College Dean's List is compiled naming those New College degree candidates who qualified during the previous academic year. The year begins in the summer and continues through fall and January term, and concludes with spring term.

Degree candidates who have no outstanding incompletes and who have completed a minimum of 12 hours on a graded basis during this time period with a cumulative grade-point average of 3.500 or better are eligible for the New College Dean's List.

GRADUATION DECLARATION

It is the responsibility of each New College degree candidate to file notice of intent to graduate with the Registrar at least two terms prior to the anticipated completion of all degree requirements. Students who plan to graduate in December 1990 should file notice by December 1, 1989. Students who plan to graduate in May 1991 should file notice by May 1, 1990. Students who plan to graduate in August 1991 should file notice by August 1, 1990.

GRADUATION WITH HONORS

The titles *summa cum laude, magna cum laude,* and *cum laude* are awarded by the college upon the recommendation of the Honors Committee and the approval of the faculty. A student must have completed at least 60 credit hours at Queens College to be eligible for graduation with honors. His or her grade-point average will be determined by work taken at Queens College only.

The title *summa cum laude* is awarded to students who have a grade-point average of 3.850. The title *magna cum laude* is awarded to students who have a grade-point average of 3.650. The title *cum laude* is awarded to students who have a grade-point average of 3.500.

REQUIREMENTS FOR THE BACHELOR'S DEGREE

The educational program leading to a degree is composed of three interrelated parts: a program of distributed requirements, a major program, and a program of elective hours. The last may include the choice of second major or one or two minors.

DEGREE REQUIREMENTS

Any change in the following degree requirements must be approved by the Vice President for Academic Affairs.

(1) A minimum of 120 credit hours in academic courses is required for a degree, with a cumulative grade-point average of 2.000 in all courses taken at Queens College and in all course work in the chosen major.

(2) At least 36 credit hours must be in courses at the 300 or 400 level.

(3) Every degree candidate must complete at least 60 hours of his or her academic program at New College and must spend the equivalent of the last academic year (last 30 hours) at New College.

However, students who already hold an undergraduate degree either from Queens College or from another accredited college or university, and who are seeking a second degree from Queens, must complete at least 30 semester hours at Queens; all requirements as specified for their chosen major; and distributed requirements as specified by the Registrar. They must achieve a minimum cumulative grade-point average of 2.000 on all work completed at Queens College, and a minimum cumulative grade-point average of 2.000 on work in the major.

(4) A degree candidate must complete 12 courses of distributed requirements in six areas spread throughout the curriculum.

(5) Degree candidates must complete a minimum number of semester hours in the major (that number being stipulated under each major), according to their catalogs of entry.

(6) A student must fulfill the degree requirements set forth in the catalog which is current when the student registers for his or her first course as a degree candidate in New College.

(7) Students may work toward two degrees simultaneously provided that they earn different majors within the degrees and provided that they earn, at Queens, at least 30 additional hours beyond the normal degree requirements.

MAJOR PROGRAM

The purpose of a major is twofold: to give the student the opportunity to go far enough into a field to achieve a level of mastery; and to enable the student to acquire knowledge, skills, and attitudes which may be helpful in a career.

MINOR PROGRAM

If a student chooses, it is possible to include one or two minors in an undergraduate program. The minor shall consist of a minimum of 18 hours in a department other than the major. The minor may be taken in any program so designated in the catalog. Minor programs must be approved by the advisor and the department concerned.

ELECTIVE HOURS

Students must choose elective hours, in addition to distributed and major requirements, to complete the hours required for graduation. Electives afford an opportunity to develop one or two minor programs, to study in fields which directly support the major program, and to gain knowledge in additional areas.

DISTRIBUTED REQUIREMENTS

Every degree candidate must complete at least 36 hours of distributed requirements in six areas to assist the student in developing a program which will be widely representative of the liberal arts.

AREA I—COMMUNICATION SKILLS

(Both of theses courses are required and must be completed in the first year at Queens.)

ENG 101	Communications Skills I
ENG 102	Communications Skills II

AREA II—MATHEMATICS OR FOREIGN LANGUAGE

(Any two math courses or two courses in a foreign language will fulfill this requirement.)

MAT 103	Mathematics for the Liberal Arts
MAT 206	Statistical Methods

(See mathematics section for additional courses.)

FRE 101, 102	Elementary French
SPA 101, 102	Elementary Spanish

AREA III—HISTORY, PHILOSOPHY, OR RELIGION

(Two courses must be chosen from different departments, i.e., history and religion.)

HIS 201	World Civilization to 1650	HIS 203	U.S. to 1877
HIS 202	World Civ. since 1650	HIS 204	U.S. Since 1877

PHI 203	Introduction to Philosophy
PHI 207	Ethics
REL 105	Introduction to Religion
REL 205	The Old Testament
REL 206	The New Testament

AREA IV—NATURAL SCIENCES

(Two courses)

BIO 102	Animal Biology
BIO 103	General Biology
CHM 101	Gen. Chem. I (with CHM 101 Lab)
CHM 102	Gen. Chem. II (with CHM 102 Lab)
ESC 101	Environmental Science I
ESC 102	Environmental Science II
PHY 101	General Physics I
PHY 102	General Physics II

AREA V—ECONOMICS, PSYCHOLOGY, POLITICAL SCIENCE OR SOCIOLOGY

(Two courses chosen from different disciplines, i.e., economics and psychology)

ECO 203	Macroeconomics
ECO 204	Microeconomics
PSC 100	Intro. to Political Science
PSC 201	American Politics
PSY 201	General Psychology
SOC 203	Principles of Sociology

AREA VI—ART, LITERATURE OR MUSIC

(Two courses chosen from different disciplines, i.e., art and music)

ART 101	Introduction to Art, or any Art History Course
ENG 201	Introduction to Literature
ENG 217	Bkgnd. to Western Lit.
MUS 100	Introduction to Music
MUS 207	Music in America

UNDERGRADUATE DEGREES

New College offers three degrees: a Bachelor of Arts degree with majors available in accounting, business administration, computer information systems, English, history, and psychology; a Bachelor of Science degree with majors in communications, and radiologic technology; and a Bachelor of Science in Nursing degree.

BACHELOR OF ARTS DEGREE

A major for the Bachelor of Arts degree shall consist of no fewer than 30 credit hours. No more than 40 hours in the major department shall be required for a major. A student may, however, on his or her own initiative, take more than 40 hours in the major department. Specific requirements are stated below for each major.

ACCOUNTING MAJOR

Major Requirements
Requirements for the accounting major are:

BUS 110	Fund. of Microcomputers
MAT 103	Math. for the Liberal Arts
MAT 206	Statistical Methods
ECO 203	Macroeconomics
ECO 204	Microeconomics
BUS 207	Financial Accounting I
BUS 208	Financial Accounting II
BUS 305	Business Law I
BUS 307	Intermediate Accounting I
BUS 308	Intermediate Accounting II
BUS 311	Cost Accounting
BUS 313	Auditing
BUS 315	Business Law II
BUS 316	Federal Taxation
BUS 317	Advanced Accounting
BUS 340	Marketing
BUS 360	Corporate Finance
BUS 485	Business Policy

BUSINESS ADMINISTRATION MAJOR

To earn a B.A. degree with a major in business administration a student must take at least 36 credit hours in business administration courses, 18 hours of which must be upper division work on this campus.

Major Requirements
Requirements for the business administration major are:

BUS 110	Fund. of Microcomputers
BUS 207	Financial Accounting I
BUS 208	Financial Accounting II
BUS 305	Business Law I
BUS 324	Report Formulation
BUS 333	Principles of Management
BUS 340	Marketing
BUS 360	Corporate Finance
BUS 485	Business Policy
MAT 103	Math. for the Liberal Arts
MAT 206	Statistical Methods
ECO 203	Macroeconomics
ECO 204	Microeconomics

Plus 6 hours of 300 or 400 level electives in business or economics.

Minor Requirements

A minor in business administration consists of the following courses: ECO 203 and 204; BUS 110, 207, 208, 305, 340, and 360.

COMPUTER INFORMATION SYSTEMS MAJOR

The Division of Business offers coursework in the area of computer information systems leading to a Bachelor of Arts degree. Students will acquire a broad liberal education to understand the relationship between the technical and non-technical aspects of business. The major is designed and offered to develop the professional skills and capabilities that enable students to pursue careers in computerized information systems in large and small businesses in both the public and private sectors of our economy. It is a degree designed for the student who wishes to combine computer knowledge, both mainframe and microcomputer, with extensive substantive coursework in business and related areas.

The computer information systems (CIS) major consists of 54 semester hours: 33 semester hours of business, economics, and mathematics courses plus 21 semester hours in the computer information systems (CIS) area.

Required courses are:

MAT 103	Mathematics for the Liberal Arts
MAT 206	Statistical Methods
ECO 203	Macroeconomics
ECO 204	Microeconomics
BUS 105	Introduction to Information Systems
BUS 207	Financial Accounting I
BUS 208	Financial Accounting II
BUS 240	Business Applications Programming I
BUS 250	Business Applications Programming II
BUS 311	Cost Accounting
BUS 333	Principles of Management
BUS 340	Marketing
BUS 350	Database Business Applications
BUS 360	Corporate Finance
BUS 480	Systems Analysis, Design and Implementation
BUS 485	Business Policy
BUS 490	Current Issues in Computer Information Systems

ENGLISH MAJOR

Courses in the department include composition, literature, speech, film, dramatic arts, and journalism. Students are encouraged to take courses in all these areas, but courses in speech, film, dramatic arts and communications do not count (unless specified) towards a regular major in English. Initial courses train the student to perceive and evaluate the form, structure, and inner dynamics of any literary work. Advanced courses focus on specialized areas of relevance and are designed to give the student an awareness of ways in which other disciplines can contribute to a fuller understanding of literature.

Major Requirements

The requirements for the English major are as follows:

ENG 201	Intro. to Literature	ENG 331	American Lit. to 1900
ENG 301	Literary Hist. of England I	ENG 332	Am. Lit. Since 1900
ENG 302	Literary Hist. of England II	ENG 460	Stu. in Lit. & Criticism

Plus any two of the following:		Plus any two of the following:	
ENG 309	Chaucer & Medieval Lit.	ENG 322	The Romantics
ENG 313	Shakespeare	ENG 325	The Novel
ENG 318	The Seventeenth Century	ENG 326	Modern British Literature
		ENG 327	Modern Drama

Plus any two upper-level English courses. A minimum of 36 hours in English is required.

The following courses in dramatic art will be accepted: 303, 304, 327, 336. Major advisors will consult with students in career and graduate school preparation and in planning tailored programs in communications, journalism, teaching, and drama. Advanced placement will allow exemption from 201.

Minor Requirements

Non-English majors may follow a program leading to a minor in English. The requirements are as follows: ENG 201, 301, and 302 are required. ENG 460 is recommended as part of the remaining 12 hours, 9 of which must be at the 300 level or above.

Distributed Requirements

The requirement for Area I is met by ENG 101 and 102, to be taken in the freshman year. The requirement Area VI in literature, may be met by ENG 201 or 217, or by any literature course numbered 300 or above in the foreign language department. However, English majors may **not** use English courses to fulfill a Distributed Requirement in Area VI.

Prerequisites

ENG 101, 102, and either ENG 201 or three semesters of the humanities sequence 211, 212, 213, 214 are prerequisite to all English courses numbered 300 or above. Special consideration will be given, in certain cases, to non-English majors who desire to take courses numbered 300 or above.

HISTORY MAJOR

History, drawing upon nearly all fields of knowledge, helps provide a deeper understanding and perspective of the forces which influence individuals and the world around them. It trains one in the skills of research, analysis, and written interpretations.

A concentration in history is an excellent general foundation for many occupations, professional careers, and graduate study. It provides opportunities for careers in teaching, policy research in government and business, archives and records management, law and politics, and foreign service. Queens College is a member of the Institute of Applied History.

Major Requirements

Students may earn a Bachelor of Arts degree with a major in history. Requirements for the history major are as follows:

Thirty-three hours in history as follows: HIS 201, 202, 203, 204, 300; plus six additional courses as follows: one 300 level course in United States history; one 300 level course in European history; one 300 level course from among the following: HIS 361, 395, 399, 490; and three additional upper-level history courses.

Each student must select nine hours outside the History Department which must be approved by the department and which will serve to broaden and enrich the program of study. Upon declaring a major in history, the student is advised to consult immediately with the department for a review of the student's needs.

Minor Requirements

Other majors may follow a program leading to a minor in history. The requirements for the minor in history are a total of twenty-one credit hours to include: HIS 201, 202, 203, 204; one 300 level course in European history; one other upper-level history or public history course.

PSYCHOLOGY MAJOR

The department emphasizes the development of an understanding of factors important in determining behavior. Introductory courses present basic psychological principles; upper-level courses provide opportunities for further work in areas of special interest.

Independent study allows the student to design and carry out original research. Internships in community settings enable the student to make practical application of psychological principles.

Major Requirements

PSY 201	General Psychology
PSY 303	Social Psychology
PSY 306	Exp. Meth. in Psychology
PSY 306L	Lab. in Exp. Psychology
PSY 314	Psychology of Learning
PSY 400	Adv. General Psychology I
PSY 401	Adv. General Psychology II

Plus at least 16 additional hours in the department as approved by the major advisor.

CSC 200 or BUS 110, and MAT 206 are also required for a major in psychology.

Biology 112 and Philosophy 203 are recommended.

Minor Requirements

Eighteen hours: PSY 201; one course from PSY 302, 303, 304; one course from PSY 311, 314, 412; and three courses from the entire departmental offerings. A student planning on minoring in psychology should check with a department member.

Distributed Requirements

A requirement for Area V usually may be met by PSY 201; however, psychology majors may not use PSY 201 to fulfill a distributed requirement in Area V.

BACHELOR OF SCIENCE DEGREE

A major for the Bachelor of Science shall consist of not fewer than 36 hours. Specific requirements are stated for each major program.

COMMUNICATIONS MAJOR

This degree is designed for the student who wishes to pursue a communications career in corporations, non-profit organizations, or the media. The program allows the student to select a concentration of course work in writing skills, advertising, public relations, or marketing and promotions.

Students take work in applied communication where, through informed practice, they improve their communications skills. With related work in mass communication, the social sciences, English, journalism, and business administration, this major equips the student to pursue a broad range of careers in the communications field.

The student is encouraged to complete basic courses in the functional areas of business as well. The combination of an understanding of business and economics with the ability to write is a powerful combination. The student could also combine this major with other areas such as the natural sciences for a career in scientific and technical writing.

Major Requirements

A major in communications leads to a Bachelor of Science degree. The requirements for the communications major are as follows:

Core courses are

COM 110	Introduction to Mass Communications
COM 207	Expository Writing
COM 209	Techniques of Communications Production
COM 305	Organizational Communication
COM 306	Introduction to Creative Writing
COM 415	Media Ethics
BUS 324	Report Formulation
ENG 301	Literary History of England I
ENG 302	Literary History of England II
ENG 331	American Literature to 1900
ENG 332	American Literature Since 1900

Plus a 300 level History course.

Students must select an additional four courses from one of the suggested concentrations, or may elect four courses (a minimum of 12 hours) to be approved by the advisor. The student's background and career orientation are to be considered in course selection.

Advertising Concentration

ART 355	Advertising, Layout, Production and Design
ART 365	Intermediate Advertising, Layout, Production and Design
ART 327	Photography
BUS 351	Consumer Behavior

BUS 453	Marketing Research
BUS 341	Advertising
COM 360	Topics in Communications

Corporate Communications and Public Relations Concentration

BUS 340	Marketing
BUS 351	Consumer Behavior
BUS 353	Promotion Management
BUS 453	Marketing Research
BUS 342	Public Relations
BUS 492	Business and Professional Speaking
COM 360	Topics in Communications

Media Concentration

COM 204	News Writing and Editing
COM 304	Advanced Writing for the Media
COM 310	Television Production
COM 360	Topics in Communications
COM 308	Creative Writing
COM 361	Topics in Journalism

A total of 48 hours is required for the major.

Recommended courses are: BUS 115, 207; ECO 203, SOC 203; HIS 203 and 204; PSC 201; PSY 201, 303; FRE 201 and 202 or SPA 201 and 202; PHI 203 and 207.

Minor Requirements

The requirements for the communications minor are as follows: COM 110, 207, 209, 305; BUS 324; and two electives to be approved by the advisor. ENG 201 is required for non-English majors.

RADIOLOGIC TECHNOLOGY MAJOR

The Bachelor of Science degree with a major in radiologic technology will be granted upon successful completion of 90 credit hours of approved college work and certification in radiologic technology from any hospital school accredited by the American Registry of Radiologic Technologists and approved by the college. All New College degree requirements must be met. Thirty credit hours are assigned to professional courses carried in the school of radiologic technology; these constitute the major. All of these 30 credit hours shall be considered equivalent to 300-400 level courses. A student may not be admitted to candidacy until certified by the American Registry of Radiologic Technologists.

BACHELOR OF SCIENCE IN NURSING DEGREE

The James D. Vail III Bachelor of Science in Nursing program at Queens College is an NLN accredited baccalaureate degree program, which provides opportunities for the development of a professional nurse through courses in the humanities, social, behavioral, and natural science, the fine arts, and nursing. Nursing content is founded on the Self-Care Deficit Theory of Nursing.

DEGREE REQUIREMENTS

A minimum of 120 credit hours is required of the Bachelor of Science in Nursing degree. At least 60 credit hours must be earned at Queens College. A minimum of 36 credit hours must be earned at the 300-400 level.

Nursing majors are required to fulfill the same Distributed Requirements as those required for all other degree candidates. The requirement for Area II is met by Math 206 and an additional math prerequisite; the requirement for Area IV is met by Chemistry 101 and 102 with labs; and the requirement for Area V is met by Psychology 201 and Sociology 203.

ADMISSION TO THE MAJOR

Students must make formal application in order to be permitted to major in nursing. Application to nursing is made when all required prerequisite courses are completed. Application requirements consists of:

1. a completed application form.
2. a $15.00 non-refundable application fee.
3. two completed recommendation forms for the James D. Vail III Bachelor of Science in Nursing Program at Queens.
4. completed physical examination form (prior to first clinical).
5. proof of professional liability insurance and hospitalization (prior to first clinical).

Full Acceptance must be obtained prior to enrolling in senior nursing courses.

Prerequisite Courses Required

The following prerequisite courses must be completed before full acceptance can be granted:

*BIO 111	Human Anatomy	3 credit hours
*BIO 111L	Human Anatomy Lab	1 credit hour
*BIO 112	Human Physiology	4 credit hours
*BIO 120	Intro. to Medical Microbiology	4 credit hours
CHM 101	General Chemistry I	3 credit hours
CHM 101L	General Chemistry I Lab	1 credit hour
CHM 102	General Chemistry II	3 credit hours
CHM 102L	General Chemistry II Lab	1 credit hour
PSY 201	General Psychology	3 credit hours
PSY 304	Abnormal Psychology	3 credit hours
PSY 320	Developmental Psychology	3 credit hours
SOC 203	Principles of Sociology	3 credit hours

*The student must either transfer, test out of, or be prepared to take the following courses through dual enrollment in the College of Arts and Sciences: BIO 111, 111L, 112, 120 (or 207). Theses courses will rarely be offered in New College.

A grade of "C" or better must be earned in the theory and laboratory components of Biology 103, 111, 111L, 112, 112L, and 120 or 207; Chemistry 101, 101L, 102, and 102L; Psychology 201; and Sociology 203.

Prior to full acceptance registered nurses are additionally required to successfully complete the Profile II Nursing exam and three validation exams in order to receive credit for Nursing 201, 203, 204, 205, 302, 305, 307, and 314 for a total of 32 credit hours.

MAJOR REQUIREMENTS

The following courses constitute the senior year of the nursing major. All prerequisite courses must be completed prior to enrolling in any 400-level course.

NUR 200	3 hrs.	Nursing as a Practice Discipline: The Self-Care Deficit Theory
NUR 400	3 hrs.	The Scholarly Dimensions of Nursing
NUR 401	3 hrs.	Management in Nursing
NUR 402	6 hrs.	Designing Systems with Multiperson Units in the Community
NUR 450	2 hrs.	Directed Study in Nursing
NUR 451	6 hrs.	Designing Nursing Systems in Complex Nursing Situations
NUR 452	2 hrs.	Nursing Perspectives

Plus three elective hours chosen from the following courses:

NUR 301	3 hrs.	Concepts Applied to the Self-Care Deficit Theory of Nursing
NUR 360	3 hrs.	Topics in Nursing
NUR 460	1,2,3 hrs.	Independent Study.

UNDERGRADUATE COURSE DESCRIPTIONS

COURSE CHANGES

Queens reserves the right to change the course offerings and instructors indicated in this catalog without prior notice to persons who may thereby be affected. Every effort is made to help a student affected by a course change.

COURSE LISTINGS

Course listings give general information. Descriptions for all elective courses not listed in this catalog will be published prior to each term.

COURSE NUMBERS

Undergraduate Courses

Credit earned in courses numbered below the 100 level may not be used to satisfy any graduation requirements. Such credit may not be counted toward the 120 hours required for graduation, or the Queens residency requirements.

In general, courses numbered **100-299** are primarily for freshmen and sophomores; those numbered **300-499** are primarily for juniors and seniors. In specific cases, however, the individual student's ability and background rather than his or her class standing will determine the appropriate level of work.

Double numbers separated by a comma (e.g., 301, 302) indicate that completion of both courses form a desirable unit. Occasionally the first course is a prerequisite to the second.

Some courses are scheduled to be offered in a specific (fall, spring, or summer) term. Other courses are undesignated. January Term courses are announced each fall.

Upon recommendation of the student's advisor, an undergraduate student with senior standing may request permission to take a graduate level course. The instructor of the course and the Vice President for Academic Affairs must grant permission. Credit earned by an undergraduate student in a graduate course will always be considered undergraduate credit unless a special program is involved.

Art

ART 101 Introduction to Art

3 Hrs. (Summer)

Designed for the student with no experience who wishes to gain some understanding of fundamental concepts necessary for the visualization of an idea. Involves aspects of lecture and studio procedures. Concepts of line, value, form, structure, space and color will be introduced through periodic slide presentations. Exploration of such media as pencil, pen and ink, charcoal and acrylic paint. Subject matter: still-life and landscape.

ART 215 Ancient to Early Renaissance Art
3 Hrs. (Fall)
Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of the Mediterranean and European countries from prehistoric times to approximately 1500 A.D.

ART 216 High Renaissance Art to the Present Time
3 Hrs. (Spring)
Survey of stylistic developments in architecture, sculpture, painting, and the minor arts of Europe and America from approximately 1500 to the present day.
Prerequisite: ART 215, or permission of instructor.

ART 227 Photography
3 Hrs. (Summer)
Photography used as an expressive medium and as a tool for exploring visual experience. Emphasis will be on selection and treatment of subject matter. Students will learn necessary skills in photographic technique and be acquainted with the historical development of photography.
Six hours studio a week. Course fee $40.

ART 307 Art in the United States
3 Hrs.
Study of the architecture, sculpture, painting, and minor arts of the Colonial period through the present, supplying courses in American social and political history.

ART 255 Advertising, Layout, Production and Design
3 Hrs.
Fundamentals of advertising production with special attention to layout techniques and design attitudes governing graphic arts.
Six hours studio a week.
Prerequisites: Permission of the instructor.

ART 364 Intermediate Advertising, Layout, Production and Design
3 Hrs.
Continued investigations into advertising production. Further developments of layout techniques and design attitudes governing graphics arts.
Six hours studio a week.
Prerequisite: ART 255

Biology

BIO 102 Animal Biology
4 Hrs. (Fall)
Survey of the animal kingdom; study of the organization and activities of animals with emphasis on man; the evolution of animal life.
Three hours lecture and three hours laboratory a week.
No Prerequisite. Lab fee $25.
Offered alternate years. Offered 1988-1989.

BIO 103 Principles of Biology
4 Hrs. (Spring)
An introduction to the principles underlying the activities of living organisms; origin of life; molecular biology; cell structure and function; heredity. Laboratory emphasizes the scientific method.
Three hours lecture and three hours laboratory a week. Lab fee $25.
Prerequisite: High School Chemistry or Chemistry 101.
Offered alternate years. Offered 1988-1989.

Business Administration

BUS 105 Introduction to Information Systems
3 Hrs.
This is a survey of computer processes, hardware, and software. The course includes principles of computer information systems, computer languages, and the application and impact of computer information systems on business.
Prerequisites: None

BUS 110 Fundamentals of Microcomputers
3 Hrs. (Fall, Spring, Summer)
This is a course in how to use a microcomputer. Topics include business usage of word processing, spreadsheet, and database software.
Prerequisites: None

BUS 115 Introduction to Business
3 Hrs.
An introduction to each of the principal areas of the business curriculum: accounting, finance, management, and marketing, as well as the role of business in American society and the nature of the private enterprise system.

BUS 207 Financial Accounting I
3 Hrs. (Fall, Spring, Summer)
An introduction to financial accounting principles. Topics to be covered include recording of transactions, preparation of various journals, posting of ledgers, and preparation of income statements and balance sheets.

BUS 208 Financial Accounting II
3 Hrs. (Fall, Spring, Summer)
An introduction to the theory, methods, and uses of accounting information in solving business problems. Topics include accounting for partnerships, corporations and income taxes.
Prerequisite: BUS 207.

BUS 240 Business Applications Programming I
3 Hrs.
This course provides instruction and practical experience in designing and writing COBOL programs using structures methodologies to complete business application programs.
Prerequisites: BUS 105 and sophomore standing or permission of the department.

BUS 250 Business Applications Programming II
3 Hrs.

This course provides instruction and practical experience in designing and writing COBOL programs for the batch and on-line environments for sequential, indexed, and direct file organization using structured methodologies.

Prerequisites: BUS 105, BUS 240 and junior standing, or permission of the department.

BUS 305 Business Law I
3 Hrs. (Fall)

An introduction to law with an emphasis on the legal rights and duties of the individual engaged in business. Topics to be covered include contracts, sales, personal property, and bailments.

Prerequisite: Sophomore standing.

BUS 307 Intermediate Accounting I
3 Hrs. (Fall)

A study of financial accounting theory along with generally accepted accounting principles. Topics include special problems of presentation in regard to cash, receivables, inventories, plant, and equipment.

Prerequisites: BUS 207 and 208.

BUS 308 Intermediate Accounting II
3 Hrs. (Spring)

A continuation of the study of financial accounting theory along with generally accepted accounting principles. Topics include special problems of presentation in regard to liabilities, leases, pensions, equity, income taxes, earnings per share, and changing prices.

Prerequisite: BUS 307.

BUS 311 Cost Accounting
3 Hrs. (Spring)

A study of cost accounting systems including problems of cost determination. The course will emphasize the development of techniques for use in managerial decision making such as standard costs and budgeting. Other topics include cost-benefit analysis, break-even analysis, and capital budgeting.

Prerequisites: BUS 207 and 208.

BUS 313 Auditing
3 Hrs. (Fall)

A study of auditing standards as they relate to internal, external, and public sector auditing. Topics to be covered include auditing theory and ethics, responsibilities and legal liability, audit evidence, audit method, and the audit report.

Prerequisites: BUS 307 and 308.

BUS 315 Business Law II
3 Hrs. (Spring)

A continuation of the study of law as it impacts the individual engaged in business. Topics include agency, partnerships, corporations, real property, and government regulation of business.

Prerequisite: BUS 305.

BUS 316 Federal Taxation
3 Hrs. (Fall)
A comprehensive study of the federal tax system. Topics include income, deductions, credits, and exclusions.
Prerequisites: BUS 207 and 208.

BUS 317 Advanced Accounting
3 Hrs. (Summer)
An advanced study of financial accounting theory and application. Topics include external reporting, consolidations, partnerships, governmental accounting, and fiduciary accounting.
Prerequisites: BUS 308.

BUS 320 Business Ethics
3 Hrs. (Spring)
Analysis of business policies and practices with respect to their social impact; patterns of governmental regulations; political activities of trade associations and other special-interest groups; the relationship between public policy and the growth of corporate enterprise; and the social responsibilities of business management.

BUS 321 Production/Operations Management
3 Hrs.
The management process applied to the design and operations of a production system, with production viewed as a function of the business rather than strictly a manufacturing activity. Topics include the planning, organizing, and controlling functions of management; forecasting, facility location and layout; job design and scheduling; quality control and inventory control.
Prerequisites: MAT 105 and 206.

BUS 324 Report Formulation and Presentation
3 Hrs. (Spring, Summer)
Basic techniques of business research; report preparation and presentation, both written and oral. Emphasis on organization and presentation, clarity, brevity, style, and use of visual aids.

BUS 331 Personnel Administration
3 Hrs.
A study of the personnel function in the organization. Topics covered include job design, staffing, performance appraisal, training and development, compensation, and collective bargaining. Current topics in the law (OSHA, Fair Employment Regulations, etc.) which affect the personnel function are considered.

BUS 333 Principles of Management
3 Hrs. (Fall, Spring, Summer)
A basic survey of management theory with emphasis on the functional and task requirements of management, and behavioral considerations. Specific topics include the planning, organizing, and controlling functions of management; contemporary models of organizational design; motivation and performance; and group behavior and influence processes.
Students who have taken BUS 314 may **not** take BUS 333 for credit.

BUS 340 Marketing
3 Hrs. (Fall, Spring, Summer)

A study of the interrelationship between marketing functions and the other primary functions of firms or organizations. An analytical survey is made of the problems of product planning, pricing, promotion, channels of distribution, and legislation affecting marketing activities as related to the satisfaction of the individual consumer and societal wants and needs.

BUS 341 Advertising
3 Hrs. (Fall)

This course encompasses a full review of the development and execution of advertising campaigns. Aspects of consumer research, market analysis, media planning, creative strategy formulation, federal trade regulation and final production will be examined. Exploration of advertising agency operations and the client/agency relationship will be included. In-class projects and case analyses will provide practical experience in advertising strategy development and evaluation.

Prerequisite: BUS 340

BUS 342 Public Relations
3 Hrs. (Spring)

An overview of public relations strategies and techniques for businesses and for nonprofit organizations. Emphasis on the identification of the various publics with which an institution interacts. Examines the various media appropriate for specific public relations communications.

Prerequisite: BUS 340.

BUS 350 Database Business Applications
3 Hrs.

This course provides an introduction to the properties, logic, design, implementation and accessing of business data bases as contrasted with conventional data file creation and maintenance techniques.

Prerequisites: BUS 105, BUS 240 and junior standing, or permission of the department.

BUS 351 Consumer Behavior
3 Hrs. (Spring)

An overall view of some of the basic perspectives of consumer behavior. An interdisciplinary approach will be stressed including the fields of economics, psychology, sociology, and anthropology, as related to marketing. Emphasis is placed on the fundamental processes of motivation, perception, and learning, as well as analysis of individual and group influences as related to the marketing of goods and services.

Prerequisite: BUS 340.

BUS 353 Promotion Management
3 Hrs. (Fall)

A study of the promotion activities of personal selling, advertising, public relations/publicity, and sales promotion as part of overall marketing strategies and budgets.

Prerequisite: BUS 340.

BUS 360 Corporate Finance

3 Hrs. (Fall, Spring, Summer)

Introduction to basic concepts, principles, and analytical techniques of financial management. Emphasis on planning and managing assets. Topics include formulating financial objectives, short-term financial analysis, financial forecasting and planning, current asset management, elementary capital budgeting and cost of capital, the nature of long-term sources of funds, analysis of risks in financial decisions involving alternative investment options, mergers and acquisitions, problems in valuation, dividend policy, financial leverage, and determination of optimal capital structure.

Prerequisites: BUS 207 and 208, ECO 203 and 204, and MAT 206.

BUS 372 Personal Financial Management

3 Hrs.

A study of the management of personal and family affairs. This course examines income and expenditure planning, credit and borrowing, personal savings, taxes, insurance, social security, investing, and retirement and estate planning.

BUS 420 Comparative International Business Practices

3 Hrs.

Survey and analysis of similarities and differences in management and business practices in selected countries drawn from diverse parts of the world. Evaluation of socio-economic, political, legal, educational, and cultural factors on managerial decision making and business practices in specific environments. Some use of case analysis.

Prerequisites: ECO 203 and 204, BUS 321 or 333, and 340.

BUS 421 Organizational Behavior

3 Hrs. (Fall)

An examination of the behavioral aspects of organizations within our society. Specific topics include the interrelationships between the individual, informal and formal groups; group formation, cohesiveness, conformity, norms; interpersonal communications; conflict; authority, power and influence; leadership, motivation and performance.

Note: Students may elect this course as PSY 421.

BUS 432 The Entrepreneurial Enterprise

3 Hrs.

A study of the characteristics which distinguish an entrepreneurial enterprise from the concepts of the small business and the large firm. Present and past case histories will be used to examine the risks and opportunities facing the entrepreneurial firm. The methods used to determine the feasibility of successfully establishing a company, and for developing a business plan for entrepreneurial ventures will be studied.

Prerequisites: BUS 333, 340, and 360, or permission of the instructor.

BUS 452 Marketing Management

3 Hrs.

A study of the marketing strategies used by management under a variety of circumstances and within a variety of business and organizational settings. The case analysis method is utilized.

Prerequisite: BUS 340.

BUS 453 Marketing Research

3 Hrs. (Summer)

An introduction to the research and methods used in the marketing process. Areas given emphasis include sources of market data, sampling surveys, interpretation of data, and the relationship of market research to the policies and functions of a business.

Prerequisite: BUS 340 and MAT 206.

BUS 454 International Trade

3 Hrs.

A study of international payments, international economic theory, contemporary economic nationalism, international investment and currency problems, and the commercial policies of foreign countries.

Prerequisites: ECO 203 and 204.

BUS 470 Principles of Investment

3 Hrs.

A study of the economic and investment environment as it relates to security investment decisions. Introduction to the concepts and techniques relevant to the formulation of investment objectives, strategies and policies for individual and institutional investors. An elementary treatment of portfolio theory and the capital asset pricing model.

Prerequisites: BUS 360.

BUS 472 Seminar in Financial Management

3 Hrs.

In-depth treatment of advanced problems in managerial finance. Topics include working capital management, capital budgeting, cost of capital, valuation, dividend policy, and long-term financial management. Extensive use of cases.

Prerequisites: BUS 360.

BUS 480 Systems Analysis, Design, and Implementation

3 Hrs. (Fall)

Developing systems to meet the need of an organization, training managers in design capabilities and limitations of information systems, beginning training for professional systems analyst, and providing techniques for facilitating the implementation process.

Prerequisites: BUS 105, 110, 240, 350, and 360.

BUS 485 Business Policy

3 Hrs. (Fall, Spring)

Designed to develop analytical skills in strategy formulation and implementation and an integrated view of business operations. Provides a basic grasp of policy problems in a variety of business and governmental settings through the use of case studies.

Prerequisites: BUS 305, 333, 340 and 360.

BUS 490 Current Issues in Computer Information Systems

3 Hrs.

This is an advanced course dealing with relevant information systems issues. These may include such topics as data communications, advanced systems analysis, microcomputer applications, and/or business software packages.

Prerequisites: BUS 105, BUS 110, BUS 240, BUS 250, BUS 350 and BUS 360.

BUS 492 Current Topics
3 Hrs.
Course designed to investigate and/or evaluate current topics or specialized areas of business. Course topic is to be announced the semester preceding the offering.
Prerequisite: To be designated for each specific course offered.

BUS 495 Independent Research/Study
1 to 3 Hrs.
A program of directed readings or a research project. Requires approval of the supervising professor, the division chairman, and the Vice President for Academic Affairs. Open to business major seniors with a 3.00 GPA in the business major.

Chemistry

CHM 101 General Chemistry I
3 Hrs. (Fall)
This course includes the structure of the atom; the structure of the nucleus and nuclear chemistry; the Periodic Table; chemical bonding; solids, liquids, and gases; and stoichiometric relationships, the properties of solutions, colloidal systems, chemical equilibria, and hydrocarbons. Three hours lecture a week.
CHM 101L must be taken also in order to fulfill a distributed requirement in Area IV.

Offered alternate years. Offered 1989-1990.

CHM 101L Introduction I
1 Hr. (Fall)
This laboratory introduces the student to elementary glassworking; general laboratory equipment and techniques, the principles of quantitative operations, and qualitative analysis.

Three hours laboratory a week. Lab fee $25.

Offered alternate years; offered 1989-1990.

CHM 102 General Chemistry II
3 Hrs. (Spring)
This course is an introduction to organic chemistry and biochemistry, including functional groups, reactions, and synthesis. Three hours lecture a week.
CHM 102L must also be taken in order to satisfy a distributed requirement in Area IV.

Prerequisites: Chemistry 101 or permission of the instructor.

Offered alternate years; offered 1989-1990.

CHM 102L Introduction II
1 Hr. (Spring)
The student in this laboratory is introduced to semimicrotechniques, chromatography, elementary organic and biochemical techniques.
Prerequisites: CHM 101L or permission of the department.

Three hours laboratory a week. Lab fee $25.

Offered alternate years; offered 1989-1990.

Communications

COM 103 Voice and Diction

3 Hrs.

An analysis of each student's voice, articulation and pronunciation with the aim of identifying and correcting non-standard speech habits. Through use of the International Phonetic Alphabet and language laboratory equipment, concentration will be centered upon the perfection of vowels, diphthong and consonant sounds. Directed exercises will give the student practice in the improvement of voice and diction. Dialectical problems are analyzed and corrected.

COM 110 Introduction to Mass Communications

3 Hrs. (Fall, Summer)

An introduction to the major fields of communications (television, radio, film, newspapers, magazines, advertising, and public relations) and to the importance of communications in modern American society. Some attention will be paid to the history of the media and to the laws, pressure groups, and regulatory agencies which influence them.

COM 204 Introduction to News Writing and Editing

3 Hrs. (Fall)

Study of newspaper methods and the techniques of news writing, with some emphasis on elementary problems of editing and makeup.

Prerequisites: COM 110 and ENG 102, or permission of the department.

COM 207 Expository Writing I

3 Hrs. (Fall)

Expository writing based upon topics and readings to be assigned by the instructor. The student will be expected to write knowledgeable expository prose based upon thought, reading, and research.

Prerequisites: ENG 101 and 102, or permission of the department.

Note: Students may elect this course as ENG 207.

COM 208 Expository Writing II

3 Hrs.

A continuation of Expository Writing I for those students who need or wish further experience in developing their writing.

Prerequisites: COM 207, or permission of the department.

Note: Students may elect this course as ENG 208.

COM 209 Techniques of Communications Production

3 Hrs. (Spring, Summer)

The course includes electronic news gathering theory and electronic field production theory with some hands-on experience in production. Introduction to the applications of video in advertising and public relations, including techniques of production and editing video, audio, and film. Introduction to multi-image presentations, including some script writing and the use of word processor. Basic operation and maintenance will be stressed.

Prerequisites: COM 110.

COM 213 History of Film
3 Hrs.
Introduction and historical analysis of the development of cinema; aesthetics and techniques, movements and genres, makers and performers. Film-viewing and optional film-making.

COM 232 Film Criticism
3 Hrs.
Study of the nature of film as an art form with detailed discussion of individual films. An analysis of the backgrounds of film-making with some actual use of film equipment.
Prerequisites: COM 110 or permission of the department.

COM 304 Advanced Writing for the Media
3 Hrs. (Spring)
Advanced study of the techniques of writing for the media, with emphasis on the development of specialized skills and research techniques.
Prerequisites: COM 204 and 207.

COM 305 Organizational Communication
3 Hrs. (Fall)
Nature and function of communications in organizations; includes information flow and processing, communications networks, role relationship, decision making and writing in formal organizations.

COM 306 Introduction to Creative Writing
3 Hrs.
This is a study of the principles of creative writing, with special attention to the various forms. Ths course will include study of the principles of writing, with special attention to observation and reflection, form and meaning, modern usage and effective expression.
Students majoring in Communications who have not already completed COM 307 must take COM 306 to meet this core requirement.

COM 308 Creative Writing
3 Hrs. (Summer)
Practice in writing and in criticism of the essay, short story, and poem in view of a final piece of sustained, related work for students with interest in and aptitude for composition.
Prerequisites: COM 306, or permission of the department.
Note: Students may elect this course as ENG 308.

COM 310 Television Production
3 Hrs.
The student will learn the essentials of television studio production, including scripting, staging, lighting, set design, story board preparation, etc. The student will study the various roles involved in television production; such as director, writer, editor, and lighting engineer; and will gain some hands-on experience in work on a production using the available equipment.
Prerequisites: COM 110, 209, or permission of the department.

COM 350 Independent Study in Communications

3 Hrs.

This course involves an independent investigation of a period in the history of mass communications or of the influence of mass media on contemporary culture or of a topic related to other particular facets of the study of mass communications: for example, journalism, television, radio, magazines, advertising, or some aspect of American popular culture. Open to junior and senior majors with a 3.00 average in communications.

Prerequisites: COM 110, 204, and permission of the department.

COM 360 Topics in Communications

3 Hrs.

Intensive consideration of a single topic in communications. The topic for the course will vary from term to term and may range from a consideration of the work of a single individual to study of a general movement. Open to majors and to others with the permission of the department.

May be taken twice with different subtitles.

COM 361 Topics in Journalism

3 Hrs.

Intensive consideration of a single topic in journalism. The topic for the course will vary from term to term and may range from a consideration of the work as a single individual to a study of a general movement. Open to majors and to others with the permission of the department.

May be taken twice with different subtitles.

COM 400 Communications Professional Internship

3 Hrs.

This course involves a period of work-study of some aspect of communications—a radio or television station, a newspaper office, an advertising agency, the editorial office of a magazine—as circumstances dictate. Each student will be evaluated by the supervising agency and will write a personal evaluation of the work experience. May be repeated for up to nine hours of credit. Open to junior and senior majors only.

Prerequisites: Communications 110, 204, 207, and permission of the department.

COM 415 Media Ethics

3 Hrs. (Spring)

Analysis of media policies and practices with respect to their social impact; governmental regulation of the media; libel laws; pressure groups and their influence; the social responsibilities of media management; other ethical issues confronting persons in communications. Required of all senior majors.

Computer Science

CSC 200 Computer Programming I

3 Hrs. (Fall, Summer)

Introduction to use of computer as a problem-solving tool. Pascal is the current implementation language used. Topics to be covered are computer organization, programming language details and programming techniques, and algorithm development.

CSC 201 Computer Programming II
3 Hrs. (Spring)
Continue to develop the discipline of computers as a problem-solving tool. Pascal is the current implementation language used. Topics to be covered are structured programming concepts, debugging and testing, string processing, internal searching/sorting, and simple data structures.
Prerequisite: CSC 200.

CSC 330 Data Structures
3 Hrs. (Fall)
Review of primitive data representation, logic, elementary searching and sorting; data structures; arrays, linearly linked and multilinked lists, stacks, queues, graphs, binary trees; processing data structures, internal and external sorting, merging and searching; storage allocation, garbage collection and compaction.
Prerequisite: CSC 201.

CSC 355 Computer Architecture
3 Hrs.
This course covers the basic concepts of computer systems: physical components used in hardware, systems analysis and design, queueing theory and systems simulation.
Prerequisite: CSC 330

CSC 380 Database Management Systems
3 Hrs.
An introduction to systems and procedures for managing large computerized databases. Relational (system R), hierarchical (IMS), and network (DBGT) database designs will be discussed, as well as normalization techniques and the three schema architecture. Database languages studied will be SQL, QBE, relational algebra and relational calculus.
Prerequisite: CSC 330.
Prerequisite or Corequisite: CSC 305.

CSC 425 Artificial Intelligence
3 Hrs.
This course examines search techniques and knowledge representation. The application of these techniques is presented in a survey of computer applications which includes natural language processing, computer vision systems, learning, modelling and expert systems.
Prerequisite: CSC 330

CSC 440 Analysis of Algorithms
3 Hrs.
Methods of analyzing the correctness and efficiency of algorithms.
Prerequisites: MAT 209 and 114; CSC 330.

CSC 450 Independent Studies in Computer Science
1-4 Hrs.
Research projects in the area of the student's interest; written report will be required. May be taken more than once, but total credits may not exceed four hours.
Prerequisites: Open to advanced students by permission of the instructor.

CSC 470 Topics in Computer Science

1-4 Hrs.

This course provides the opportunity for a faculty member and a group of interested students to study a subject that is not offered on a regular basis in the curriculum. Topics are announced annually. May be repeated for credit under different subtitles.

Prerequisites: One year of college computer science. May vary with topic. Lecture and laboratory hours vary with the hours credit and the course taught.

CSC 499 Computer Science Professional Internship

1,2,3 Hrs.

Practical experience under supervision in the field of computer science.

Prerequisites: At least 21 hours in computer science and permission of the department.

Economics

ECO 203 Principles of Macroeconomics

3 Hrs. (Fall, Spring, Summer)

Introductory survey of aggregate economic principles; the scope and method of economics; business organizations; money and prices; national income theory; economic stabilization policies and international trade.

ECO 204 Principles of Microeconomics

3 Hrs. (Fall, Spring, Summer)

Survey of economic principles, dealing with specific components of the economy and their application to economic problems; basic demand and supply theory; the theory of production and income distribution; agriculture, government regulation, and labor organizations.

English

Prerequisites

ENG 101, 102 and 201 are prerequisite to all English courses numbered 300 or above. Special consideration will be given, in certain cases, to non-English majors who desire to take courses numbered 300 or above.

ENG 101 Communications Skills I

3 Hrs. (Fall, Spring, Summer)

This course will emphasize the development of the student's critical standards, and will stress the ability to use research techniques. Some reading will be done to provide thematic content to the course.

ENG 102 Communications Skills II

3 Hrs. (Fall, Spring, Summer)

Course designed to help freshmen to write, read, and speak clearly. Part of the semester will be devoted primarily to speech. The rest of the semester will be devoted to teaching the student how to organize and write an effective short essay. Reading and research material will be used to stimulate the student's critical insights and to provide thematic content.

Prerequisite: ENG 101.

ENG 201 Introduction to Literature

3 Hrs. (Fall, Spring, Summer)

This course introduces the student to the study of lyric, dramatic and narrative genres through the classic texts of Greek and Latin literature. Focus will be on Homer, the Greek dramatists, Virgil, Ovid, and the Latin lyrical poets. A major emphasis of the course will be on the classical mythology that informs so much of the literature of the western tradition. This course is prerequisite to all English courses numbered 300 and above, except in certain cases with approval of instructor.

ENG 202 Women in Literature

3 Hrs.

Organized around female stereotypes and archetypes, this study of images of women in literature makes use of reading selections from nineteenth and twentieth century authors illustrating both positive and negative views of women as wives, mothers, sex objects, seductress-goddesses, spinsters and liberated persons.

ENG 207 Expository Writing I

3 Hrs. (Fall)

Expository writing based upon topics and readings to be assigned by the instructor. The student will be expected to write knowledgeable expository prose based upon thought, reading, and research.

Prerequisites: ENG 101 and 102, or permission of the department.

Note: Students may elect this course as COM 207.

ENG 217 Backgrounds to Western Literature

3 Hrs.

A study of the classical and biblical backgrounds which figure so importantly in the development of the Western literary tradition. While some consideration will be given to the historical and philosophic nature of the works studied, the emphasis will be on the works as great literature. Included will be a study of the Bible, Greek drama, the Homeric epic, and Aristotle's Poetics.

Open to freshmen, sophomores, and students not concentrating in English, as well as students concentrating in English.

ENG 301, 302 Literary History of England

3 Hrs., 3 Hrs. (Fall, Spring)

Historical and critical exploration of the major periods, forms, and attitudes of English literature from Beowulf to the present. Continuities and discontinuities of central developments of English literature will be discussed through texts. Literary examination and judgement as well as writing skills will be stressed.

For sophomores and juniors; 301, 302 need not be taken before other 300 numbered courses, but can be taken simultaneously or later.

Offered alternate years; offered 1988-1989.

ENG 303 Major Figures in World Drama: Ancient Greece to the Renaissance

3 Hrs.

Survey of dramatic literature from ancient Greece to the Renaissance with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

ENG 304 Major Figures in World Drama: Renaissance to Modern
3 Hrs.
Survey of dramatic literature from the Renaissance to the time of Ibsen with emphasis on the relationship of the plays to the physical circumstances of theatrical production and to the historical and cultural milieu of the period.

ENG 306 Introduction to Creative Writing
3 Hrs. (Spring)
This is a study of principles of creative writing, with special attention to the various forms. The course will include study of principles of writing, with special attention to observation and reflection, form and meaning, modern usage and effective expression.

Note: Students may elect this course as COM 306.

ENG 308 Creative Writing
3 Hrs. (Summer)
Practice in writing and in criticism of the essay, short story, and poem in view of a final piece of sustained, related work, for students with interest and aptitude for composition.

Note: Students may elect this course as COM 308.

Prerequisite: ENG 306.

ENG 309 Chaucer and Medieval Literature
3 Hrs. (Fall)
Readings in medieval English literature with emphasis on Chaucer, the Arthurian romance, and the medieval drama.

Offered alternate years; offered 1988-1989.

ENG 313 Shakespeare
3 Hrs. (Spring)
Representative comedies, histories, tragedies, and romances with emphasis on Shakespeare's development as a dramatic artist.

ENG 318 The Seventeenth Century
3 Hrs. (Fall)
Study of poetry, drama, and prose with emphasis on Jonson, Donne and the Metaphysicals, and Milton.

ENG 322 The Romantics
3 Hrs. (Spring)
Representative major poetical works of early and late Romantic authors. Key prose documents in the rise and development of Romanticism will also be examined.

Offered alternate years; offered 1988-1989.

ENG 324 The Victorian Age
3 Hrs.
Consideration of the major themes and concerns of novelists, poets, and prose writers of the Age of Victoria; emphasis on works of Tennyson, Carlyle, and other important figures.

ENG 325 The Novel
3 Hrs. (Fall)
Development of the novel as a literary form using selected works of English fiction from the 18th century to the present.

Offered alternate years; offered 1988-1989.

ENG 326 Modern British Literature
3 Hrs. (Spring)
Examination of modern British literature from the turn of the century to the 1950s. Emphasis on the works of Joyce, Yeats, Shaw, and the Bloomsbury Group. Central themes and technical innovations in 20th-century poetry, fiction and drama will be explored.

ENG 327 Modern Drama
3 Hrs. (Fall)
Study of world drama from the realism of Ibsen through naturalism, expressionism, and symbolism to the current avant-garde theatre.

ENG 328 Modern American Literature
3 Hrs.
This course examines modern American literature from the turn of the century to the present. The emphasis will be on Eliot, Frost, Williams, Stevens, Faulkner, Hemingway, Ellison, Malamud, Oates, Cather, and Morrison.

ENG 331 American Literature to 1900
3 Hrs. (Fall)
Study of the particular properties and the major movements of American literature as seen in the works of major writers to 1900.

Offered alternate years; Offered 1989-1990.

ENG 332 American Literature Since 1900
3 Hrs. (Spring)
Study of the particular properties and the major movements of American literature as seen in the works of major writers since 1900.

Offered alternate years; Offered 1989-1990.

ENG 333 Southern Literature
3 Hrs.
Study of the growth and development of the literature of the American South. The course will emphasize unique regional qualities of subject, theme, and style.

ENG 334 Studies in Linguistics
3 Hrs.
Studies of the main tenets of structural linguistics and transformational grammar with some attention to the relation between linguistic theories and older theories about language.

ENG 336 Tragedy
3 Hrs.
Exploration of various possibilities of defining tragedy in terms of the protagonist, plot, an effect upon the audience, an attitude toward life, or others.

ENG 337 Comedy
3 Hrs.

This course examines the nature of comedy as a literary form from low farce to sophisticated high comedy in prose fiction, film, and drama. Beginning with classic examples from Aristophanes, Shakespeare and Moliere, the course will focus finally on the contributions of such modern writers as Shaw, Neil Simon and Woody Allen. Attention will center upon comedy's manipulation of language, character, plot, and traditional "lazzi" to accomplish its special cathartic purpose of keeping humanity close to sanity and balance.

ENG 341 Spanish Literary Classics
3 Hrs.

Important literary works from various periods chosen for their importance and influence or reflection on world literature.

All course work conducted in English.
Note: Students may elect this course as SPA 341.

ENG 342 French Literary Classics.
3 Hrs.

Consideration of major literary works from various periods chosen for their value as contributions to world literature.

All course work conducted in English.
Note: Students may elect this course as FRE 343.

ENG 345 Spanish Drama of the Golden Age
3 Hrs.

Literary background of the Golden Age; reading and evaluation of drama.

All course work conducted in English.
Note: Students may elect this course as SPA 423.

ENG 348 Cervantes
3 Hrs.

Study of works of Cervantes, with emphasis on *Don Quixote* and the *Novales Ejemplares.*

All course work conducted in English.
Note: Students may elect this course as SPA 448.

ENG 350 Contemporary Literature
3 Hrs.

This course provides an opportunity for examination of authors, genres, and movements prominent on the literary scene since 1950. Topics will vary. May be repeated once with different topics.

ENG 351 Special Studies in English Literature
3 Hrs.

Intensive consideration of a single problem in English literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement.

May be taken twice with different subtitles.

ENG 352 Special Studies in American Literature

3 Hrs.

Intensive consideration of a single problem in American literature. The topics for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement.

May be taken twice with different subtitles.

ENG 354 Special Studies in World Literature

3 Hrs.

Intensive consideration of a single problem in world literature. The topic for the course will vary from term to term and may range from a consideration of the work of a major writer to a study of a single genre or intellectual movement. Primarily intended for short-term courses.

May be taken twice with different subtitles.

ENG 449 Directed Readings in Composition or Literature

1,2,3 Hrs.

Independent investigation of a topic in composition or literature through a program of directed readings; oral examination conducted by the course supervisor and other members of the department upon invitation. Open to junior and senior English majors with a 3.0 average in English.

ENG 450 Independent Study in Composition or Literature

2,3,4 Hrs.

Independent investigation of a topic in composition or literature resulting in a research paper which is evaluated by two members of the department. Open to junior and senior English majors with a 3.0 average in English.

ENG 460 Studies in Literature and Criticism

3 Hrs. (Spring)

Students will read works of literature and interpret them in the light of modern critical essays and selected works by major authors. Seminar for seniors only.

Offered alternate years; not offered 1988-1989.

Environmental Science

ESC 101,102 Environmental Science

4 Hrs., 3 Hrs. (Fall, Spring)

A study of the environmental issues confronting our present society; energy, population, pollution, natural resources, food production, materials production, waste disposal, transportation. Certain scientific principles are considered to the extent necessary for a basic understanding of the environmental problems, and some attention is given to the role of science in the development of and attempted solutions to these problems. Environmental Science 101, 102 will fulfill the Area IV Distributed Requirements.

Prerequisites: ESC 101 or a college-level physical science course is prerequisite to ESC 102.

Two hours lecture, two hours laboratory a week.

Offered alternate years; offered 1989-1990.

French

FRE 101,102 Elementary French
3 Hrs.,3 Hrs. (Fall, Spring)
Presentation of the basic structure of the language; first term emphasis on the spoken language; second term, the use of the written language for communication and comprehension. French 101 may fulfill distributed requirements, Area II, upon satisfactory completion of French 102.

Offered alternate years; offered 1989-1990.

FRE 370 Topics in French Studies
3 Hrs.
Course designed to address a specific topic or area of French studies. Topic will be announced the semester preceding the offering.
Prerequisites: To be designated for each specific course offered.

History

Prerequisites
Dependent upon the courses noted in descriptions, HIS 101 102, 203, or 204 may be required except with permission of the instructor.

HIS 201 World Civilization to 1650
3 Hrs. (Fall)
A survey of the history of civilization from the ancient world to the European crises of the seventeenth century, with emphasis upon the political, social, and intellectual development of Western civilization.

HIS 202 World Civilization Since 1650
3 Hrs. (Spring)
A survey of the history of civilization from the end of the religious wars and the emergence of the great European powers to the crises of the twentieth century and nuclear age, with emphasis generally upon the political, social, and intellectual development of Western civilization.

HIS 203 The United States to 1877
3 Hrs. (Fall)
Rise of an American tradition; establishment of a nation; economic and social developments; expansion and sectional controversy; war and reconstruction.

HIS 204 The United States Since 1877
3 Hrs. (Spring)
Settling the West; the triumph of business; reform movements and foreign affairs; the New Deal era; the Cold War era.

HIS 300 Research Techniques in History/Public History
3 Hrs. (Spring)
Course designed to provide training and practice in genealogical and historical research with emphasis in working with such materials as court records, deeds, wills, and census returns. There will be written and oral presentations of findings.

Offered alternate years; offered 1989-1990.

HIS 301 English History to 1688
3 Hrs.

A survey of English history from the Roman conquest to the Glorious Revolution, with emphasis on the Tudor and Stuart periods.

Prerequisites: HIS 101 (or Humanities 211 and 212) or permission of the instructor.

HIS 302 English History Since 1688
3 Hrs.

The age of aristocracy and the first empire; the struggle against revolutionary and Napoleonic France; the era of reform and high tide of imperialism; the democratic age and the storms of war.

Prerequisite: HIS 102 (or Humanities 213 and 214) or permission of the instructor.

HIS 307 History of Latin America
3 Hrs.

A survey of the forces and events which have shaped Latin American experience from the 16th century to the present.

HIS 315 Oral History
3 Hrs.

Examination of ways in which cultures were preserved in the past (folklore, work and protest songs, handicrafts, etc.) and the study of and practice in methodology of gathering and preserving historical information in oral form.

HIS 317 History of Russia
3 Hrs.

This is a survey of the Russian experience from 9th century Kievan Russia to the Bolshevik Revolution of 1917.

Prerequisite: Sophomore standing.

HIS 319 Modern Germany
3 Hrs.

A survey of German history from 1618 to the present. Begins with the Thirty Years War, traces the evolution of the several German states, examines the process of unification led by Bismarck, and analyzes the emergence and solution of the "German Problem" in the nineteenth and twentieth centuries.

HIS 321 Nazi Germany
3 Hrs.

An intensive examination of German National Socialism. This course considers topics such as the origins and nature of Fascism; the Second World War in Europe; and the Holocaust.

Prerequisites: HIS 202; HUM 214; or permission of the instructor.

HIS 322 History of the Far East
3 Hrs.

A study of the history and culture of India, China and Japan. Art, architecture, science, philosophy and religion as well as family life and government will be looked at as manifestations of a people's culture. Some of the more recent political and economic developments will be the role of Gandhi and the Nehrus in India, the Communist revolution and Four Modernizations in China, and the Meiji Restoration and the "Economic Miracle" of Japan.

HIS 325 American Foreign Policy
3 Hrs.
Major themes in the history of American diplomacy to 1945 with emphasis on their applications, modification, and development in relation to America's increased responsibilities as a world power.
Prerequisites: HIS 203 or 204 or permission of the instructor.

HIS 326 Contemporary American Foreign Policy
3 Hrs.
Analysis of the role of the United States in contemporary world politics; emphasis upon the nature of the foreign policy-making process and the rationale, content, and impact of contemporary American international actions and policies.
Prerequisites: HIS 204 or permission of instructor.

HIS 361 Ideas and Values in Conflict in History
3 Hrs.
A study of decisive intellectual and moral conflicts involving individualism, humanism, obscurantism, fundamentalism, racism, nationalism, totalitarianism, socialism, Nazism, Communism, materialism, and fanaticism.
Prerequisite: Junior standing or permission of the instructor.

HIS 376 The Lives and Times of Eminent Victorians
3 Hrs.
A study concentrating on the political, social, intellectual, and cultural currents and developments in Victorian England.

HIS 386 European Social History
3 Hrs.
This course is an investigation of European society from the 17th century to the present. This course focuses on the social history of the European experience, and examines topics such as witchcraft; gender roles; social classes; economic development; leisure; and "mentalities."
Prerequisite: Sophomore standing.

HIS 389 Topics in United States History
3 Hrs.
Topics are announced annually.
Prerequisites: HIS 203 or 204 or permission of the instructor.

HIS 390 Individuals and Generations
3 Hrs.
A biographical approach to history through the study of individuals living in different chronological periods. Students will gain a vivid and concrete feel for these historical times and examine the interaction of external forces upon the attitudes and actions of individuals.

HIS 391 Topics in World History
3 Hrs.
Topics announced annually.
Prerequisite: HIS 201 or 202 or permission of the instructor.

HIS 392 American Women

3 Hrs.

Derived from primary sources of women themselves, this study examines the central role of women in U.S. history. The study focuses on the period 1830 to the present, with particular attention given to race, region, and class.

HIS 393 Main Currents in Southern History

3 Hrs.

Emphasis is on the economic, cultural, and intellectual forces that have shaped the thinking and actions of the South.

Prerequisites: HIS 203 or 204 or permission of the instructor.

HIS 394 Black-White Relations in America

3 Hrs.

A study of the interaction of blacks and whites in the British colonies and United States up to the present. Key periods and issues will be studied to see the problems faced, the responses made, and the consequences and significance of this heritage for both blacks and whites.

HIS 395 Intellectual History of the United States

3 Hrs.

A study of the intellectual tradition of the nation and the unique synthesis of ideas that has characterized American thought. Through examination of a cross-section of the works of major intellectual figures and exploration of the modes of thought of various generations, the course aims to provide students with deeper insights into the development of the "American" mind. Among topics under consideration are: the Puritan Mind, the American Enlightenment, ideas of the New Republic, the Mind of the South, individualism, pragmatism, conservatism, and reform.

Prerequisite: HIS 203 or 204.

HIS 396 Urban History

3 Hrs.

Study of the growth, development, and changing character of major cities in the United States from colonial days to the present. Emphasis placed on the city's impact on the thought and life of the nation.

Prerequisite: HIS 203 or 204 or permission of the instructor.

HIS 397 The United States: 1920 to 1945

3 Hrs.

The domestic history of the United States from 1920 to 1945; stress placed on diverse cultural and intellectual developments with special attention to the strain of social change and the subsequent responses of the institutions and movements.

Prerequisite: HIS 204 or permission of the instructor.

HIS 398 The United States: 1945 to the Present

3 Hrs.

The domestic history of the United States during the post-World War II years; stress placed on the 1950s and 1960s and the intellectual, cultural, and social ferment from that period to the present.

Prerequisite: HIS 204 or 397 or permission of the instructor.

HIS 399 Forces of Change

3 Hrs.

An examination of various factors that act on individuals and society to produce change in the world, Climate, geography, economics, science and technology, global dynamics, culture, ideas, the individual and the masses, psychology, religion, and philosophy are some of the factors that may be discussed, utilizing readings of Toynbee, Turner, Webb, Rostow, Marx, Mumford, Forrester, Spengler, Tolstoy, James, and/or others.

Prerequisite: Junior standing or permission of the instructor.

HIS 449 Directed Readings in History

1,2,3 Hrs.

Independent investigation of a topic through a program of directed readings. There will be an interpretive paper and oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic.

HIS 450 Independent Study in History

1,2,3 Hrs.

Independent investigation of a topic through the writing of a research paper; oral examination conducted by department members.

Open to majors with a B average in history after departmental approval of the topic or project.

HIS 499 Professional Internship in History

1,2,3 Hrs.

Designed to enable students to receive training in law and politics, public administration, government and foreign service, or other such career opportunities for which history provides a background.

Grading is Pass/Fail.

Open only to junior and senior majors with the permission of the department.

To count toward the history major at least 3 credit hours must be taken.

HIS 490 The Historical Approach

3 Hrs.

This senior seminar investigates the methods, assumptions, and philosophies of history by critically examining selected classics of the historical professions.

Prerequisites: Junior standing or permission of the instructor.

Mathematics

MAT 099 Basic Mathematics

3 Hrs.

This is a developmental mathematics course including topics generally found in high school algebra II. Credit for this course may not be used toward graduation.

Prerequisite: None.

MAT 103 Mathematics for the Liberal Arts
3 Hrs.
This course includes systems of equations, matrices, an introduction to linear programming, and an introduction to differential and integral calculus with applications.
Prerequisite: Consent of the mathematics department.

MAT 111 Precalculus
3 Hrs.
Topics in this course will include functions and their graphs, exponential and logarithmic functions, trigonometric functions, trigonometric equations, the theory of polynomials, systems of equations, sequences, and analytic geometry.
Prerequisite: Consent of the mathematics department.

MAT 131 Calculus I
5 Hrs.
This course is an integrated treatment of analytic geometry and limits, continuity of functions, introduction to differentiation with applications of extreme values and curve sketching. Introduction to basic integration with applications, elementary transcendental functions and an introduction to techniques of integration.
Prerequisite: MAT 111 or consent of the mathematics department.

MAT 132 Calculus II
5 Hrs.
This course is a continuation of techniques of integration, indeterminate forms and L'Hopital's Rule, improper integrals, infinite series and Taylor's Theorem. Vector algebra, curves and vectors in the plane and in three dimensions. Partial differentiation and multiple integrals, line integrals, Green's theorem and Stoke's theorem.
Prerequisite: MAT 131.

MAT 206 Statistical Methods
3 Hrs. (Fall, Spring, Summer)
Introduction to the concept of statistical inference with emphasis on applications using the normal, t, chi-square, and F distributions. Primarily for persons concentrating in the behavioral or social sciences.
Prerequisite: MAT 101 or MAT 103 or 105 or 113.

MAT 303 Linear Algebra
3 Hrs. (Fall)
Coordinate geometry; vectors and three-dimensional geometry; matrices and determinants; linear transformations.
Prerequisite: MAT 213.

MAT 308 Applied Linear Regression Models
3 Hrs.
This course is designed to give the students a comprehensive understanding of both the underlying theory and practical applications of linear regression models. Students will be required to analyze data sets with the aid existing computer facilities and software.
Prerequisite: MAT 206 or MAT 306.

MAT 311 Differential Equations
3 Hrs.
This course is designed to introduce the student to differential equations and their applications. In addition to studying the theoretical aspects of differential equations, students will also examine numerical methods and solutions with the use of the existing computer facilities and software.
Prerequisite: MAT 132.

MAT 403 Introduction to Operations Research
3 Hrs.
This course is designed to introduce the students to the fundamental ideas and methods of operations research and provide them with enough understanding and confidence to appreciate the strengths and limitations of operations research.
Prerequisite: MAT 303.

Music

MUS 100 Introduction to Music
3 Hrs.
Study of the basic materials of music, survey of the important composers and examination of selected masterpieces with reference to cultural background; technical knowledge of music not necessary for enrollment.

MUS 207 Music in America
3 Hrs. (Fall, Spring)
A survey of music and musical practices in the United States from colonial times to the present, with particular emphasis on those inherent qualities which have permeated America's serious and popular music over the past three centuries. No musical background necessary.

Private Instruction in Applied Music

Piano, organ, strings, voice or other instrument. The general aim of private instruction is development of all phases of performance: technique, style, musicianship, interpretation, and repertoire. Assignments to instructors are made by the chairman of the department, and students usually remain with the same instructor throughout the course of study.

Students registered for two credit hours per term receive sixty minutes of individual instruction per week.

Students registered for one credit hour per term receive thirty minutes of individual instruction per week.

See Fee Schedule in Section on Costs.

May be taken Pass/No Record.

MUS 171, 181 Private Instruction in Applied Music
1 Hr., 1 Hr.
One hour of daily practice required. May be repeated for credit. (a) piano (b) organ (c) strings (d) voice (e) other

MUS 172, 182 Private Instruction in Applied Music
2 Hrs., 2 Hrs.
Two hours of daily practice required. May be repeated for credit. (a) piano (b) organ (c) strings(d) voice (e) other

Nursing

NUR 200 Nursing as a Practice Discipline: The Self-Care Deficit Theory

3 Hrs. (Fall, Summer)

This is a survey non-clinical course which focuses on the practice discipline of professional nursing within the health care delivery system. The Self-Care Deficit Theory of Nursing is explored, and its relationship to the nursing process and health requirements is examined. Conceptualization of the self-care model of nursing practice, self-awareness, communications,and value clarification will be stressed.

Prerequisites: Registered nurse student or permission of instructor.

NUR 201 Introduction to Nursing as a Practice Discipline

4 Hrs.

This non-clinical course introduces the student to nursing as a practice discipline through examination of the Self Care Model within the framework of the nursing process. Basic diagnostic technologies of physical assessment throughout the life span is a major focus of course content. Guided laboratory experiences with healthy individuals are provided. Social/interpersonal and regulatory technologies are explored as they relate to the USCR's and DSCR's within the self-care deficit theory.

Prerequisite/Corequisite: BIO 111 or permission of the Instructor.

NUR 203 Introduction to Designing Nursing Systems

2 Hrs.

This clinical course focuses on the application of selected theoretical knowledge necessary to design nursing systems. Emphasis will be placed on utilization of previous knowledge of the Self Care Model and nursing process, assessment skills, and expansion of the student's knowledge of social, interpersonal, and regulatory technologies. Clinical experiences will be offered in a community hospital and/or a long-term care facility.

Prerequisites: NUR 201.

NUR 204 Pharmacology

2 Hrs.

This basic course deals with classifications, dosages, physiological actions,and responses to medication therapy.

Prerequisites/Corequisites: Chemistry 102, 102L; Biology 112.

NUR 205 Nutrition

3 Hrs.

Students will study basic nutrition as it relates to health, health assessment, and health maintenance, as well as prevention of nutritional deviations and/or defects. Principles from both the physical and the behavioral sciences will be utilized in the study of the action, interaction and balance of nutrients in food and their relationship to health and altered health states.

Prerequisites/Corequisites: Chemistry 101, 101L.

NUR 301 Concepts Applied to the Self-Care Deficit Theory of Nursing

3 Hrs.

Students enrolled in this seminar course will begin to describe and operationalize selected concepts which are common to all aspects of the Self-Care Deficit Theory of Nursing. This course lays the foundation for the development of an orderly conceptual system which can be utilized in nursing practice.

Prerequisites: Nursing 200 or 201.

NUR 302 Designing Nursing Systems with Individuals with Health Deviations

8 Hrs.

This clinical course examines individual's patterns of responses to illness situations. The designing and implementing of nursing systems with adults experiencing health deviations is emphasized. Clinical practice will be provided in a variety of settings. Nursing oriented to regulation of physiological events is stressed.

Prerequisites: Nursing 203, 204, 205, and full acceptance to major.

Corequisite: Nursing 305.

NUR 305 Pathological Processes in Health Deviations

3 Hrs.

This (third-year) course examines structural and functional deviations or disorders which limit the individual's self-care agency. Disturbances in adaptive-mechanisms as well as in biochemical and physiological regulatory mechanisms which manifest themselves as pathological processes are explored.

Prerequisites: Biology 111, 111L, 112, 112L; Chemistry 101, 101L, 102, 102L.

NUR 307 Designing Nursing Systems with Individuals with Behavioral Health Deviations

4 Hrs.

This clinical nursing course examines the health-deviation self-care requisites related to selected behavioral health deviations through the life cycle and how these affect the person and the multi-person unit (person's family and community). Clinical practice will be provided in an acute-care facility in both in-patient and out-patient areas.

Prerequisite: Nursing 302.

Prerequisite/Corequisite: Psychology 304.

NUR 314 Designing Nursing Systems for Childbearing/Childrearing Families

8 Hrs.

This clinical nursing course focuses on the multiperson unit, specifically the childbearing/childrearing family. Meeting the therapeutic self-care demands of the childbearing/childrearing family will be a primary objective. Health deviation self-care requisites relating to selected health problems and their impact on the clients' self-care agency will be explored.

Prerequisites: Nursing 205 and 302.

Prerequisite/Corequisite: Psychology 320.

NUR 360 Topics in Nursing

3 Hrs.

This course is designed to investigate a current topic or specialized area of nursing. The topics will be announced annually and will vary from term to term. It provides the student with an opportunity to study a topic that is not offered on a regular basis in the curriculum.

Prerequisite: Permission of instructor.

NUR 400 The Scholarly Dimension of Nursing

3 Hrs. (Fall, January)

This course focuses on the important components of the research process and those research methodologies appropriate to nursing. The student will begin to explore methods of classifying and ordering nursing phenomena, and to examine critically the major components of nursing practice in relation to research. This course serves as a foundation for Nursing 450 in the spring.

Prerequisite: Fourth-year standing in nursing major or permission of instructor.
Prerequisite/Corequisite: Math 206.

NUR 401 Management in Nursing

3 Hrs. (Fall, Spring, Summer)

A basic survey of management theory with emphasis on the functional and task requirements of management, and behavioral considerations. Specific topics include the planning, organizing, and controlling functions of management; contemporary models of organizational design; motivation and performance; and group behavior and influence processes.

Prerequisite: Fourth-year standing in the nursing major or permission of instructor.

NUR 402 Designing Systems with Multiperson Units in the Community

6 Hrs. (Fall)

This clinical nursing course examines the system of nursing delivery as a part of the larger health-care delivery system with emphasis on identification of health needs and encouragement of self-care and health promotion in the community. Clinical practice will be provided in a variety of community agencies with the main focus on the family and the aggregate as multiperson units.

Prerequisite: Fourth-year standing in the nursing major.

NUR 450 Directed Study in Nursing

2 Hrs. (Spring)

This course involves concentrated study in nursing, whereby students are expected to synthesize and utilize their understanding of both the liberal arts and professional components of the curriculum, as they relate to the practice of professional nursing. Students are expected to summarize their study and experiences in a scholarly paper and in a formal seminar. Grading is P/F.

Prerequisite: Nursing 400.

NUR 451 Designing Nursing Systems in Complex Nursing Situations.

6 Hrs. (Spring)

This course offers selected, concentrated study in the design of nursing systems for clients experiencing multiple and complex deficits in self-care. The student will have the opportunity to refine, broaden, and enhance his or her nursing agency and expand the scope of his or her professional nursing practice. Ultimately the student will be expected to synthesize principles and concepts from the physical, social, and behavioral sciences, and from previous nursing courses, as well as analyze new knowledge of clients experiencing multiple and complex deficits of self-care.

Test fee: $25.

Prerequisites: Fourth-year standing in the nursing major; Nursing 401.

NUR 452 Nursing Perspectives

2 Hrs. (Spring)

Current trends and issues in professional nursing will be explored in depth. Particular attention will be given to ethical, political, legal, and economic issues affecting the nurse agent. Projections of nursing for the future will be made in light of historical bases, expanded conceptual frameworks and present social trends.

Prerequisites: Fourth-year standing in the nursing major or permission of the instructor.

NUR 460 Independent Study in Nursing

1,2,3 Hrs.

Independent investigation of a selected topic in nursing will be accomplished through a program of directed readings. An interpretative paper and oral examination are required: oral examination will be conducted by the course supervisor and other members of the department upon invitation. Open to advanced students by permission of the department.

May be repeated for credit.

NUR 470 Community Systems

4 Hrs.

This clinical nursing course examines the system of nursing delivery as a part of the larger health care delivery system with emphasis on identification of health needs and encouragement of self-care and health promotion in the community. Clinical practice focuses on the aggregate as a multiperson unit. (For non-BSN graduate students only.)

Philosophy

PHI 203 Introduction to Philosophy

3 Hrs.

Introductory study of the perennial questions of philosophy and the various methods by which philosophy has tried to answer them.

PHI 207 Ethics

3 Hrs.

Study of the theories and writers in moral philosophy; practical questions considered in the context of major questions of good, duty, right; consideration of problems in social ethics; and the critical analysis of contemporary moral problems.

Physics

PHY 101, 102. General Physics
4 Hrs., 4 Hrs. (Fall, Spring)
Beginning course in physics covering the fundamental principles of mechanics, heat, sound, light, electricity and magnetism, and atomic physics.
Prerequisite: Elementary algebra and plane geometry; Physics 101 is prerequisite to Physics 102.

Three hours lecture and three hours laboratory each week. Lab fee $25.

Offered alternative years; offered 1988-1989.

Political Science

PSC 100 Introduction to Political Science
3 Hrs.
An introduction to basic concepts describing political activity, to the language and different approaches used in political science, and to the subfields of the discipline with emphasis upon comparative politics, international politics, empirical and normative political theory, public administration, and law and judicial behavior.

PSC 201 American Politics
3 Hrs. (Fall)
Political institutions and behavior; introduction to the presidency, Congress, Supreme Court, political parties and pressure groups as actors in politics; conservatism and liberalism as motivating philosophies.

Psychology

Prerequisite:
Psychology 201 is prerequisite to all other psychology courses.

PSY 201 General Psychology
3 Hrs. (Fall, Spring, Summer)
Survey of the field of psychology emphasizing the results of scientific investigations in the area of behavior.

PSY 302 Psychology of Personality
3 Hrs. (Summer)
Survey of selected theories of personality and study of principles of personality development.

PSY 303 Social Psychology
3 Hrs. (Fall)
Study of the behavior of the individual in society, including attitude formation and measurement, interpersonal perception, and the behavior of the individual in groups.

PSY 303L Experimental Social Psychology

1 Hr.

Application of experimental methods to problems of social psychology such as attitude change, conformity, and leadership. Special problems of research design and techniques peculiar to the area of social psychology are considered.

Three hours laboratory per week.

Prerequisite or Corequisite: PSY 303.

PSY 304 Abnormal Psychology

3 Hrs. (Spring)

A study of the deviant individual from both the dynamic and behavioral viewpoints. The diagnosis, etiology, treatment, and prevention of maladaptive behavior are considered.

PSY 305 Introduction to Counseling

3 Hrs.

An introduction to various theories of behavior change, including dynamic, behavioral, cognitive, humanistic, and existential approaches to therapy. Individual, group, and family therapies will be discussed.

Prerequisite: PSY 201 and either PSY 302 or 304.

PSY 306 Experimental Methods of Psychology

3 Hrs. (Fall)

Application of experimental methods to problems in perception, learning, and social behavior. Principles of research, including experimental design, use of apparatus, and procedural and statistical control are considered.

This course must be taken concurrently with PSY 306L.

Prerequisite: MAT 206.

Offered alternate years; not offered 1988-1989.

PSY 306L Laboratory in Experimental Psychology

1 Hr. (Fall)

Study of techniques and procedures of psychological research, and conducting of experiments in learning, perception, sensory processes, motivation, and social behavior.

Three hours laboratory per week.

This course must be taken concurrently with PSY 306.

Offered alternate years; not offered 1988-1989.

PSY 308 The Exceptional Child

3 Hrs.

Study of the psychological problems of children who deviate from normative patterns of growth and development.

Prerequisite: PSY 320 or permission of the instructor.

PSY 311 Psychological Tests

3 Hrs.

Introductory study of principles of test evaluation and interpretation and consideration of examples of the major types of psychological tests in reference to these principles.

Prerequisite: MAT 206.

PSY 312 Sensation and Perception

3 Hrs.

This course is an introduction to the processes by which humans receive and interpret information from the environment. Sensory coding, information processing, perceptual development, perceptual illusions, and psychophysical methods will be among the topics discussed.

Offered alternate years. Offered 1989-90.

PSY 314 Psychology of Learning

3 Hrs. (Spring)

Survey of empirical findings on respondent and operant conditioning, and on human verbal learning with consideration of research methods and design, critical examination of historical and contemporary learning theory.

PSY 315 Laboratory in Conditioning and Learning

1 Hr.

Conducting experiments in respondent and operant conditioning and in human verbal learning.

Prerequisite or Corequisite: PSY 314.

Three hours laboratory per week.

PSY 320 Developmental Psychology

3 Hrs.

This course is an introduction to developmental processes from conception to old age. The emphasis in the course will be on developmental principles, theoretical views, and recent research.

PSY 352 Topics in Psychology

3 Hrs.

Intensive consideration of a problem in psychology. The topic for the course will vary from term to term.

Prerequisites: Sophomore status or above.

May be repeated with different subtitles.

PSY 400 Advanced General Psychology I

1 Hr. (Fall)

A restudy and synthesis of basic psychological principles.

Prerequisites: 21 hours of psychology courses and senior status.

Offered alternate years; offered 1988-1989.

PSY 401 Advanced General Psychology II

3 Hrs. (Spring)

Consideration of the major areas of psychology from classical positions through contemporary viewpoints.

Prerequisite/Corequisite: PSY 400.

Offered alternate years; offered 1988-1989.

PSY 412 Physiological Psychology

3 Hrs. (Summer)

Introduction to the nervous system and internal environment and their effects upon behavior. Normal and abnormal conditions discussed with respect to sensation, learning, emotion, and motivation.

PSY 421 Organizational Behavior
3 Hrs.
This course examines the behavioral aspects of organizations within our society. Specific topics include the interrelationships among individuals in both informal and formal groups; group formation, cohesiveness, conformity, norms; interpersonal communications; conflict; authority, power and influence; leadership, motivation and performance.
Note: Students may elect this course as BUS 421.

PSY 449,450 Independent Research
1,3 Hrs.
Opportunity for independent investigations of topics by means of reading and/or experimentation. First term is devoted to formulating the problem, determining its method of investigation, and compiling a bibliography; second term, to collecting the data and writing a report.
Prerequisites: Permission of the department; also, PSY 449 is prerequisite to PSY 450.

PSY 451 Seminar in Psychology
1,2,3 Hrs.
Seminar dealing with areas of psychology not covered in the regularly scheduled courses such as personnel psychology and behavior modification.

Admission by permission of instructor.

PSY 452 Directed Readings in Psychology
1,2,3 Hrs.
Independent investigation of a topic through a program of directed readings; oral examination conducted by department members.

Admission by permission of instructor.

May be repeated.

Religion

REL 105 Introduction to the Study of Religion
3 Hrs.
An introduction to religious thought and experience including sociology of religion, history of the Christian Church, theology, ethics, and comparative religions.

REL 205 The Old Testament
3 Hrs. (Fall, Summer)
Introduction to the nature of the biblical writings and to methods of Bible study. The history, literature, and faith of the people in Israel as seen in the Old Testament.

REL 206 The New Testament
3 Hrs. (Spring, Summer)
The history, literature, and faith of the early Christian community as seen in the New Testament.

Students intending to take six hours in Bible should enroll in REL 205 prior to REL 206.

Sociology

SOC 203 Principles of Sociology
3 Hrs.
Basic concepts and principles of sociology, relationships and meaning of culture, society, personality, and inter-action; analysis of group structure and social organization.

Spanish

SPA 101,102 Elementary Spanish
3 Hrs., 3 Hrs. (Fall, Spring)
Presentation of basic grammatical structure with emphasis on correct oral and written use of the language; introduction to the Hispanic civilizations. SPA 101 may fulfill distributed requirements, Area II, upon satisfactory completion of SPA 102.

Offered alternate years; offered 1988-1989.

THE GRADUATE SCHOOL AT QUEENS

THE GRADUATE SCHOOL

The Graduate School at Queens College provides opportunities for post-baccalaureate study and research in demanding professional programs. The graduate programs offer a stimulating and challenging scholarly community for students' maximum intellectual and personal development. The graduate programs include a Master of Business Administration degree, an Executive Master of Business Administration degree, a Master of Education degree with concentrations in Elementary or Middle Grades education; and a Master of Nursing Administration.

FOR CAMPUS VISITS

Students seeking information about the college are encouraged to visit the campus and Admissions Office. The Admissions Office is open from 8:30 to 5:00 on weekdays throughout the year. Appointments for evenings or Saturdays may be made by calling the Admissions Office during regular hours. The Admissions Office is located on the first floor of Burwell Hall.

ADMISSIONS

Applications for admission may be obtained by writing the Admissions Office, Queens College, 1900 Selwyn Avenue, Charlotte, North Carolina 28274, or by calling 704-337-2313.

The admissions policy of The Graduate School is designed to select students of outstanding promise. Because the student body is the college's most important resource, careful attention is given to each student. Each applicant is considered on the basis of his or her individual achievements and merits.

Students must apply and be accepted to one of the graduate programs. Students may be admitted with degree, non-degree or transient status to an individual program. Refer to the individual program for admission requirements for that program.

STUDENT STATUS

Individuals allowed to enroll in the graduate courses must be admitted under one of the following classifications:

Full Graduate Status

Full graduate status will be given to applicants who have met all admissions requirements including a satisfactory undergraduate grade-point average, an acceptable aptitude test score, and the satisfactory completion of any required preparation or prerequisite courses.

Preliminary Graduate Status

Applicants who have not yet completed the required preparation courses may be designated as having preliminary graduate status. The student will be responsible for notifying in writing The Graduate School Office when he or she has satisfied the conditions for admission to full graduate status.

Probationary Graduate Status

An applicant whose undergraduate GPA or aptitude test scores is marginal or who has failed to maintain a 3.0 average (4.0 scale) in previous graduate course work may be given probationary graduate status. Six hours of graduate work must be completed at Queens College with a 3.0 or better GPA to be removed from probationary graduate status.

Non-degree Graduate Status

A student who wishes to take graduate courses for transfer to another institution, for personal satisfaction, or for teaching certificate renewal, but may not wish to work toward a degree, will be classified as having non-degree graduate status. To be admitted as a non-degree graduate student, an individual must complete the same admissions procedures as other graduate applicants and must meet the standards for general admission into the graduate program. Generally, a graduate student may not take more than nine hours as a non-degree student. After completion of nine hours, the student may apply for the appropriate graduate status.

LENGTH OF ADMISSION ELIGIBILITY

Acceptance to The Graduate School will remain effective up to one calendar year following the beginning of the semester for which the acceptance has been made. Individuals who wish to enter after the one-year period are required to reapply, and the subsequent admission decision will be based on the existing admission standards at the time of the reapplication.

ACADEMIC POLICIES

CATALOGY OF ENTRY

The catalog in effect for the semester in which a student registers for his or her first class is the student's catalog of entry.

REGISTRATION

All students are expected to register at the time and place indicated on the schedule each term.

RECORD OF IMMUNIZATION

North Carolina law now requires students who register for a class which begins before 4:00 p.m., including weekend classes, to present valid certificates of immunization to the college at or prior to registration unless the student is exempt from the law. A student will be exempt from the law if the student was enrolled in the 1986 spring or summer term and is continuously enrolled after that time, OR, if an exemption is granted for medical reasons, OR, if an exemption is granted for religious reasons.

A student will need to furnish proof of immunization *only* if enrolled in a class which begins before 4:00 p.m., such as a Saturday class. Contact current or past physicians to get proof of immunization or to begin immunizations.

Immunization requirements:

For students born in 1957 or later (*and* who are at least 18 years of age):
- 3 DTP or Td doses (or a single Td booster) within the last 10 years,
- 1 measles (Rubeola) immunization on or after the first birthday, and
- 1 Rubella (German Measles) immunization.

For students born prior to 1957:
- 3 DTP or Td doses (or a single Td booster) within the last 10 years,
- 1 Rubella (German Measles) immunization
- (Rubella dose *not* required for students 50 years of age or older.)

Any student who does not present valid proof of immunization or exemption must be immunized during the initial 30 days of the semester. Students who fail to comply will NOT be allowed to continue to attend classes.

Forms which students may provide their physicians to certify immunization are available in the Health Center. Students may also call the Health Center to schedule an appointment for immunizations, or to receive further information. The Health Center is open 24 hours a day from 3:00 p.m. Sunday until 3:00 p.m. Friday during Fall and Spring terms, and may be contacted at 337-2220.

TERM LOAD

A full-time graduate academic load is nine hours. A student who is employed full-time may not take more than six graduate credit hours per semester or a combination of graduate and undergraduate courses of nine or more hours without the written permission of the Dean of The Graduate School.

DUAL ENROLLMENT

Men and women enrolled in The Graduate School may take courses in the New College as well as the Graduate School. They may register for New College classes at the same time that they register for Graduate Classes as long as they meet the necessary prerequisites or any other restrictions which may apply to an individual New College class.

Men and women enrolled in The Graduate School may, with permission, take a course in the College of Arts and Sciences, which offers courses during the day. Permission forms for dual enrollment are available in the Graduate School Office. Dual enrollees will follow the procedures and policies of the College of Arts and Sciences and must register for these classes at the time of registration for the College of Arts and Sciences.

DROPPING AND/OR ADDING A COURSE

A course may be DROPPED only before the first class meeting. When a course is dropped, there is no record of that registration, and no charge is incurred for that course. A DROP differs from withdrawing from a class. Once the class has met, a student may withdraw from a course without financial penalty only if another course is added at that time. Once the classes have met a student may add a class only with the permission of the instructor. A student who drops all courses in The Graduate School in the first semester of attendance will *not* have matriculated into the college.

To DROP a course a student must contact the Graduate School Office and complete the appropriate form.

GRADING SYSTEM

Graduation requirements are based on both the quantity and quality of the student's work. The Graduate School uses the following system of grades and qrade-point values per credit hour.

Grade	Grade-Point Value
A	4.0
B	3.0
C	2.0
F	0.0
P	0.0
I	0.0
W	0.0

PASS/NO RECORD

Specified courses will be offered only on a Pass/No Record basis. Such specification is noted in the individual course description. Unless specified, a course may not be taken on a Pass/No Record basis.

INCOMPLETES

A student who has received the grade of I (Incomplete) has a specific time period within which to complete the course work. A grade of I automatically becomes an F if the student fails to make up incomplete work satisfactorily. It is the student's responsibility to contact the professor and make arrangements for the work to be completed.

A grade of I received during Term I must be changed to another grade by the end of the second full week of Term II. Term II and Summer Term incompletes must be changed no later than the end of the second full week of Term I of the following academic year.

WITHDRAWAL FROM A COURSE

After the first class meeting in a course, a student who does not wish to continue in that course, but does not wish to add another course in its place, must WITHDRAW from the course. Withdrawal from a course is different from dropping a course.

To WITHDRAW from a course a student must contact The Graduate School Office and complete the appropriate form. A record is kept of courses from which a student withdraws. The student will receive a grade of W. There is a deadline for withdrawal from a course to receive a grade of W. The deadline is given on The Graduate School Calendar which is published with each semester's schedule.

The withdrawal deadline for the academic record differs from the withdrawal deadline for financial obligations. The Business Office publishes a schedule of dates in the catalog and at registration for each term with the deadlines for any proration of tuition.

A student who simply stops attending classes during the semester will receive a grade of F for the course.

WITHDRAWAL FROM THE COLLEGE

A student who wishes to withdraw from the college should notify The Graduate School Office and complete the appropriate form. Upon withdrawal from the college all grades in progress will be recorded as W. A student who simply stops attending classes will receive a grade of F for all courses.

ADMINISTRATIVE WITHDRAWAL

If a student does not register for a course for two consecutive major terms (fall and spring), the student will be administratively withdrawn from the college. Such students must contact the Admissions Office to be readmitted to the college if they wish to continue taking courses at a later date.

The college reserves the right to require at any time the withdrawal of a student whose conduct or academic work is not considered satisfactory.

ELIGIBILITY TO CONTINUE

The graduate faculty of Queens College determines the academic standards which are administered by the Graduate Student Qualifications Committee. This committee reviews each case of academic difficulty to determine the appropriate action and academic status for the graduate student.

To remain in a graduate program, a student must maintain a 3.0 average on a 4.0 scale and must not make a grade of C or lower in more than two graduate courses. In addition, graduate students *must* maintain a 3.0 average in all prerequisite work. Any grade received from another institution will not be figured in the grade-point average.

If a student receives two grades of C or lower or has a cumulative grade-point average less than 3.0, the student will be placed on academic probation. A student placed on academic probation will have his or her record reviewed again by the Graduate Student Qualifications Committee after six additional hours of graduate work have been completed in order to determine whether sufficient academic progress has been demonstrated for the student to be allowed to continue in the program.

If a graduate student does not meet program requirements or adhere to recommendations of the Graduate Student Qualifications Committee, he or she will be subject to dismissal from the college.

TRANSFER REGULATIONS

Generally, no more than six semester hours (2 courses) of graduate work in a thirty-three hour program or twenty percent of a program may be transferred from another accredited institution. Only graduate courses with a grade of B or better will be considered for transfer credit. Courses considered for transfer credit must have been completed within the three years immediately preceding admission into a Queens College graduate program. Granting of transfer credit is dependent upon the specific course under consideration, which will be evaluated in terms of content, level, and equivalency of the courses in The Graduate School. Any grade received from another institution will not be figured in the grade-point average.

After a student has been admitted to the Graduate School, he or she must request prior approval from the Dean and the student's advisor for any course to be taken at another institution and transferred back to Queens College. Forms are available in The Graduate School Office.

LEAVE OF ABSENCE

A graduate student may be granted a leave of absence for a number of semesters not to exceed one calendar year. A request for a leave of absence should be sent in writing to the Dean. If the student returns on the agreed-upon date, he or she will reenter the program with the same status as held at the time the leave commenced. Students who do not obtain a formal leave of absence shall be considered withdrawn from the college and will have to re-apply to gain readmission.

TIME LIMIT

All graduate courses must be completed within five years of admission. A candidate required to take preparation courses or remedial work must finish both preparation and graduate work within seven years of admission.

GRADUATION REQUIREMENTS

A student may graduate only after meeting all of his or her special program requirements and completing that program's required course work with a grade-point average of 3.0 or better in the graduate courses. No more than six extra hours (2 courses) may be taken for the purpose of increasing the student's grade-point average to the required level.

No course with an assigned grade below C may apply toward degree requirements. A student who has earned an F in a course may repeat that course once. The F will remain on the student's record in any case, but only the second grade for the course will be figured in the student's cumulative grade-point average. Only one such course may be repeated.

Note: This is the only case in which a student may register to enroll in the same course twice unless the course is listed "May be repeated for credit."

VARIATIONS IN DEGREE REQUIREMENTS

Any change in degree requirements must be approved by the Vice President for Academic Affairs.

GRADUATE DEGREE PROGRAMS

MASTER OF BUSINESS ADMINISTRATION

The purpose of the Master of Business Administration program is to prepare students to become knowledgeable and effective general managers and administrators with high standards of ethical and social responsibility. The curriculum stresses the interaction of the functional areas of business within the broader social and governmental context.

The Master of Business Administration curriculum has a high proportion of specifically required courses. The program has been structured to ensure standardization of exposure to specific area techniques, experiences and information. The courses represent the core of essentials for preparation of today's manager. The Queens course of study offers a blend of adhering strongly to the objective of educating in the common core of managerial skills while at the same time paying allegiance to the realities of required competency in the functional areas of business.

ADMISSION

In order to be considered for admission to the Master of Business Administration program a student should meet the following guidelines:

1. Hold a baccalaureate degree from an accredited institution.
2. Submit official transcipt(s) of all previous academic work beyond high school. All transcripts must be sent directly from each institution attended to the Admissions Office at Queens. It is the student's responsibility to have all transcripts sent to Queens College.
3. Have a cumulative grade-point average (GPA) generally of at least 2.5 or better on a 4.0 scale on all post secondary academic course work. The GPA on all major courses or courses required for preparation for the area of proposed graduate study should be 3.0 or better on a 4.0 scale.
4. Submit a completed Graduate School application form including the non-refundable $20 application fee.
5. Provide the Admissions Office two letters of reference.
6. Submit satisfactory scores on the Graduate Management Admissions Test. The test is to have been taken within the last five years.
7. Applicants from non-English speaking countries must also submit the following documents:

a. a test score of 550 or higher on the Test of English as a Foreign Language (TOEFL) examination. Information and registration forms are available from TOEFL Programs, ETS, Princeton, New Jersey 08540.
b. Certified English translation of all prior academic records for work which corresponds to the bachelor's degree in the United States.
c. Bank statements stating the amount of money, in U.S. currency, available for the student's education. Because there are no federal or state financial aid resources for foreign students, the student and his or her family should be prepared to bear all expenses involved in obtaining an education in the United States.

PREREQUISITES

The content of the Master of Business Administration program begins with prerequisite courses. The student should be able to provide evidence of adequate preparation in economics, accounting, statistics, mathematics, computer skills, communications skills, and the functional areas of business administration. The student may be required to take up to 27 hours in specified preparation courses to ensure an adequate foundation:

BUS 110 Fundamentals of Microcomputers
BUS 333 Principles of Management
BUS 340 Marketing
BUS 360 Corporate Finance
BUS 501 Survey of Accounting or BUS 207 and BUS 208
ECO 501 Survey of Economics or ECO 203 and ECO 204
MAT 206 Statistical Methods

Some prerequisites may be waived, or substitutions approved, based upon an evaluation of transcripts, professional and work experience, satisfactory scores on approved subject level tests of the College Level Examination Program (CLEP), or satisfactory scores on validation exams administered by the college.

DEGREE REQUIREMENTS

The degree course requirements include a total of 11 three-hour graduate courses (33 hours). Nine courses are specifically required with the remaining two being electives. Business Policy and Society, BUS 550, the capstone course, is the final course in the program.

Required Courses

ECO 515	Macroeconomic Theory
ECO 516	Economics of the Firm
BUS 510	Organizational Behavior
BUS 512	Legal and Regulatory Environment
BUS 520	Managerial and Financial Accounting
BUS 521	Financial Management
BUS 530	Marketing Strategy
BUS 535	Quantitative Methods
BUS 550	Business Policy and Society

Elective Courses (choose two)

BUS 511	Written and Oral Communications
BUS 518	International Business
BUS 525	Specialized Topics in Business
BUS 536	Production Management
BUS 540	Research in Business
BUS 545	Investment Analysis

PROPOSED SCHEDULES

When planning a course of study, students should be aware of the following information concerning course offerings. Ordinarily the required courses for the MBA program are grouped and offered on an alternating semester basis. Thus, BUS 510, 520, 521 and ECO 516 are offered in one semester and BUS 512, 530, 535 and ECO 515 are offered in the next semester. The courses are rotated in this manner through fall, spring, and summer terms. Two electives and BUS 550 are offered each semester.

The following are proposed schedules for the next two academic years. The class schedule for a given semester is subject to additions and cancellations. Please check the most recent schedule prior to registration to insure accurate information.

Fall 1989

ECO 515	Macroeconomics Theory
BUS 512	Legal and Regulatory
BUS 530	Marketing Strategy
BUS 535	Quantitative Methods
BUS 550	Business Policy
	Elective
	Elective

Spring 1990

ECO 516	Economics of the Firm
BUS 510	Organizational Behavior
BUS 520	Managerial Accounting
BUS 521	Financial Management
BUS 550	Business Policy
	Elective
	Elective

Summer 1990

ECO 515	Macroeconomic Theory
BUS 512	Legal and Regulatory
BUS 530	Marketing Strategy
BUS 535	Quantitative Methods
BUS 550	Business Policy
	Elective
	Elective

SUGGESTED COURSE SEQUENCES

One of the following sequences of courses is recommended. These sequences are based on the normal scheduling of courses as described on the previous page. Courses are rotated on a regular, planned basis. See Proposed Schedules for further information.

Sequence One

	First Semester
ECO 516	Economics of the Firm
BUS 520	Managerial Accounting
	Second Semester
ECO 515	Macroeconomics
BUS 535	Quantitative Methods
	Third Semester
BUS 510	Organizational Behavior (or Elective)
BUS 521	Financial Management
	Fourth Semester
BUS 512	Legal and Regulatory
BUS 530	Marketing Strategy
	Fifth Semester
	Elective OR
BUS 510	Organizational Behavior
	Elective
	Sixth Semester
BUS 550	Business Policy

Sequence Two

	First Semester
ECO 515	Macroeconomics
BUS 512	Legal and Regulatory
	Second Semester
ECO 516	Economics of the Firm
BUS 520	Managerial Accounting
	Third Semester
BUS 535	Quantitative Methods
	Elective
	Fourth Semester
BUS 510	Organizational Behavior
BUS 521	Financial Management
	Fifth Semester
BUS 530	Marketing Strategy
	Elective
	Sixth Semester
BUS 550	Business Policy

MASTER OF EDUCATION

The Master of Education degree is designed to prepare classroom teachers in grades kindergarten through nine to meet the ever-increasing challenges facing them. The education programs of the Graduate School are dedicated to quality education for all students, knowing that the future of America depends on what happens in today's classrooms.

Graduate certification has been approved by the North Carolina Department of Public Instruction for those completing these degree programs.

ADMISSION

In order to be considered for admission to the Master of Education program, a student should meet the following guidelines:

1. Hold a baccalaureate degree from an accredited institution.
2. Submit official transcipt(s) of all previous academic work beyond high school. All transcripts must be sent directly from each institution attended to the Admissions Office at Queens. It is the student's responsibility to have all transcripts sent to Queens College.
3. Have a cumulative grade-point average (GPA) generally of at least 2.5 or better on a 4.0 scale on all post-secondary academic course work. The GPA on all major courses or courses required for preparation for the area of proposed graduate study should be 3.0 or better on a 4.0 scale.
4. Submit a completed Graduate School application form including the non-refundable $20 application fee.
5. Provide the Admissions Office two letters of reference.
6. Submit satisfactory scores on either the Graduate Record Examination or the Miller Analogy Test.
7. Hold a North a North Carolina "A" Certificate or the equivalent. An MEd applicant who does not hold a North Carolina "A" certificate or the equivalent may apply for admission with preliminary or non-degree graduate status only.

   A program can be designed with the MEd advisor to fulfill "A" certification requirements. Most of the required courses for a teaching certificate are offered only in the College of Arts and Sciences at the undergraduate level. A student is expected to complete a minimum of twelve credit hours successfully at Queens College before undertaking student teaching.

   For further information pertaining to student teaching, contact the Director of Teacher Education Programs.
8. Applicants from non-English speaking countries must also submit the following documents:

a. a test score of 550 or higher on the Test of English as a Foreign Language (TOEFL) examination. Information and registration forms are available from TOEFL Programs, ETS, Princeton, New Jersey 08540.

b. Certified English translation of all prior academic records for work which corresponds to the bachelor's degree in the United States.

c. Bank statements stating the amount of money, in U.S. currency, available for the student's education. Because there are no federal or state financial aid resources for foreign students, the student and his or her family should be prepared to bear all expenses involved in obtaining an education in the United States.

DEGREE REQUIREMENTS

Any preparatory requirements must have been met. Each degree candidate must complete the course requirements for either an Elementary Grades Education program or a Middle Grades Education program. Both degree programs consist of 36 hours of graduate credit (12 courses).

A comprehensive oral examination is given by the student's advisor or major concentration professor and one additional professor of the student's choice.

A student who is seeking a master's degree, inclusive of G-level certification in an area or grade level other than that of initial certification or teaching experience, will, in consultation with his/her advisor, plan an appropriate internship.

The programs are structured so that a student may complete the degree within two calendar years.

PROPOSED SCHEDULES

FALL

EDU 502	Advanced Developmental Psychology
EDU 524	Diagnosis and Correction of Reading Difficulties
EDU 527	Reading and Language Arts in the Elementary School (Offered even-numbered years)
EDU 528	Content Area Reading (Offered odd-numbered years)
EDU 595	Models of Teaching (Offered odd-numbered years)
MTS 521	Foundations of Mathematics
MTE 523	Problem Solving from an Historical Perspective

SPRING

EDU 522	Writing and Other Language Arts
EDU 503	Educational Research and Evaluation
EDU 501	Psychology of Learning
EDU 529	Practicum in Teaching Language Arts
EDU 539	Practicum in Teaching Elementary Education
MTE 526	Geometry for Teachers
MTE 529	Practicum in Teaching Mathematics

SUMMER

EDU 526	Adolescent Literature
EDU 599	Seminar in Curriculum and Instruction
MTE 522	Introduction to Computing for Teachers
MTE 524	Concepts in Data Analysis
	Elective
	Elective

ELEMENTARY EDUCATION PROGRAM

The Master of Education Elementary Education Program is designed to assure competency in the curriculum areas necessary for teaching grades kindergarten through six. The program is competency based so that it allows for flexibility.

Required courses are:

EDU 501	Psychology of Learning
EDU 502	Advanced Developmental Psychology
EDU 503	Educational Research and Evaluation
EDU 522	Teaching Writing: Process Approach
EDU 524	Diagnosis and Correction of Reading Difficulties
EDU 527	Reading and Language Arts in the Elementary School
EDU 539	Practicum in Teaching Elementary Education
EDU 595	Models of Teaching
EDU 599	Seminar in Curriculum and Instruction
MTE 521	Foundations of Mathematics

In addition, two courses are to be elected or prescribed in accordance with the student's needs and interests to ensure compliance with certification competencies.

MIDDLE GRADES LANGUAGE ARTS PROGRAM

The Middle Grades Language Arts program is designed for grades six through nine to bridge the general intermediate educational experience and the more highly specialized secondary curriculum. The Language Arts concentration encompasses all aspects of mastering language at the middle school level. From a sound theoretical base, teachers will learn new and more effective ways to develop the students' reading and writing proficiency.

Required courses are:

EDU 501	Psychology of Learning
EDU 502	Advanced Developmental Psychology
EDU 503	Educational Research and Evaluation
EDU 529	Practicum in Teaching Language Arts
EDU 595	Models of Teaching
EDU 599	Seminar in Curriculum and Instruction
and	choose four (4) of the following:
EDU 522	Teaching Writing: Process Approach
EDU 523	Studies in Linguistics
EDU 524	Diagnosis and Correction of Reading Difficulties

EDU 526	Adolescent Literature
EDU 528	Content Area Reading

In addition, two courses are to be elected or prescribed in accordance with the student's needs and interests to ensure compliance with certification competencies.

MIDDLE GRADES MATHEMATICS PROGRAM

The program in Middle Grades Mathematics is designed for grades six through nine to bridge the general intermediate educational experience and the more highly specialized secondary curriculum. The mathematics concentration has two purposes. The first purpose is to provide a new look at familiar classical mathematics. This look will focus on development of an historical perspective, exploring a more sophisticated level of abstraction, and discussing mathematical understanding in terms of cognitive development. The second purpose is to address the current need of understanding new technology and its role in the mathematical curriculum.

Required courses are:

EDU 501	Psychology of Learning
EDU 502	Advanced Developmental Psychology
EDU 503	Educational Research and Evaluation
EDU 595	Models of Teaching
EDU 599	Seminar in Curriculum and Instruction
MTE 529	Practicum in Teaching Mathematics
and	choose four (4) of the following:
MTE 521	Foundations of Mathematics
MTE 522	Introduction to Computing for Teachers
MTE 523	Problem Solving from an Historical Perspective
MTE 524	Concepts in Data Analysis
MTE 526	Geometry for Teachers

In addition, 2 courses are to be elected or prescribed in accordance with the student's needs and interests to ensure compliance with certification competencies.

MASTER OF NURSING ADMINISTRATION

This program provides an opportunity for obtaining a Master's degree in Nursing Administration and/or an Advanced Business Certificate. The program enables graduates to function as effective administrators and members of the interdisciplinary health management team by preparing them to plan, design, manage, and evaluate nursing and health practice programs and resources within a variety of settings.

ADMISSION

The following criteria are required for admission to the MNA Program.

1. Undergraduate degree from an accredited 4 year college.
2. Minimum grade-point average of 2.5 on a 4.0 scale in all previous college work.
3. Satisfactory score on Graduate Record Examination or Graduate Management Admissions Test.
4. Licensure for practice as a Registered Nurse.
5. Two references written by nursing colleagues and/or supervisors who are able to evaluate nursing practice performance.
6. Interview with nursing faculty member.
7. Applicants from non-English speaking countries must also submit the following documents:
    a. a test score of 550 or higher on the Test of English as a Foreign Language (TOEFL) examination. Information and registration forms are available from TOEFL Programs, ETS, Princeton, New Jersey 08540.
    b. Certified English translation of all prior academic records for work which corresponds to the bachelor's degree in the United States.
    c. Bank statements stating the amount of money, in U.S. currency, available for the student's education. Because there are no federal or state financial aid resources for foreign students, the student and his or her family should be prepared to bear all expenses involved in obtaining an education in the United States.

A formal application to the Master of Nursing Administration Program should be made no later than August 15 for intended enrollment in the fall, no later than January 15 for intended enrollment in the spring, and no later than April 15 for the summer term. A completed application form, proof of licensure, transcripts of previous college work, letters of recommendation, and test scores should be submitted to the Graduate Committee for Admission and Placement in Nursing for their review and decision prior to enrolling in any graduate nursing courses.

PREREQUISITES

The student may be required to take the following specified preparation courses to ensure an adequate foundation for graduate study:

BUS 110	Fundamentals of Microcomputers
BUS 333	Principles of Management
BUS 501	Survey of Accounting, or BUS 207 and BUS 208
ECO 501	Survey of Economics, or ECO 203 and ECO 204
MAT 206	Statistical Methods
NUR 400	Nursing Research (or its equivalent)
NUR 470	Community Systems (For NON-BSN students only)

NLN PROFILE II EXAMS (FOR NON-BSN STUDENTS ONLY)

Some prerequisites may be waived, or substitutions approved, based upon an evaluation of transcripts, professional and work experience, satisfactory scores on approved subject level tests of the College Level Examination Program (CLEP), or satisfactory scores on validation exams administered by the college.

DEGREE REQUIREMENTS

The Master of Nursing Administration will consist of 38 semester hours of graduate credit, exclusive of prerequisites. A business core of 9 semester hours and a nursing core of 20 semester hours will be required plus nine credit hours taken in electives and thesis or non-thesis options.

Required Courses

BUS 505	Financial Management for Non-Profit Organizations
BUS 510	Organizational Behavior
BUS 512	Legal and Regulatory Environment
NUR 515	Theoretical Foundations in Nursing
NUR 520	Health Care Policy and Delivery Systems
NUR 522	Research in Nursing
NUR 530	Nursing Administration
NUR 535	Nursing Administration Practicum I
NUR 536	Nursing Administration Practicum II
NUR 550	The Nurse Administrator and Clinical Nursing

THESIS OPTION

NUR 597	Thesis Preparation Seminar
NUR 598	Data Collection Seminar
NUR 599	Research Analysis Seminar
	Elective - 3 credit hours chosen from:
BUS 511	Written and Oral Communications
BUS 525	Specialized Topics in Business
NUR 592	Independent Study

NON-THESIS OPTION

NUR 592	Independent Study 3 credit hours
	Electives - 6 credit hours chosen from:
NUR 525	Specialized Topics in Nursing
NUR 592	Independent Study
BUS 525	Specialized Topics in Business

PROPOSED SCHEDULES

These schedules are subject to modification:

Fall 1989

BUS 512	Legal and Regulatory Environment
NUR 515	Theoretical Foundations in Nursing
NUR 530	Nursing Administration
NUR 535	Nursing Administration Practicum I
NUR 597	Thesis Preparation Seminar
NUR 592	Independent Study

Spring 1990

BUS 510	Organizational Behavior
BUS 511	Written and Oral Communication
BUS 525	Specialized Topics in Business
NUR 522	Research in Nursing
NUR 525	Specialized Topics in Nursing
NUR 535	Nursing Administration Practicum I
NUR 598	Data Collection Seminar

Summer 1990

BUS 512	Legal and Regulatory Environment
BUS 525	Specialized Topics in Business
NUR 525	Specialized Topics in Nursing
NUR 550	The Nurse Administrator and Clinical Nursing
NUR 599	Research Analysis Seminar

SUGGESTED COURSE SEQUENCES

Year One For Both Thesis and Non-Thesis Options

First Semester
BUS 510 Organizational Behavior
NUR 515 Theoretical Foundations in Nursing

Second Semester
BUS 512 Legal and Regulatory Environment
NUR 522 Research in Nursing

Third Semester
BUS 505 Financial Management for NonProfit Organizations
NUR 520 Health Care Policy and Delivery Systems

For Thesis Option		For Non-Thesis Option	
Year Two: First Semester		Year Two: First Semester	
NUR 530	Nursing Administration	NUR 530	Nursing Administration
NUR 535	Nursing Administration Practicum I	NUR 535	Nursing Administration Practicum I
NUR 597	Thesis Preparation Seminar	NUR 592	Independent Study

Year Two: Second Semester
NUR 536 Nursing Administration Practicum II
NUR 598 Data Collection Seminar
Approved Elective

Year Two: Third Semester
NUR 599 Research Analysis Seminar
NUR 550 The Nurse Administrator and Clinical Nursing

Year Two: Second Semester
NUR 536 Nursing Administration Practicum II
Approved Elective

Year Two: Third Semester
NUR 550 The Nurse Administrator and Clinical Nursing
Approved Elective

ADVANCED BUSINESS CERTIFICATE

The Advanced Business Certificate will require completion of all the prerequisites for the MNA or their equivalents plus the 9 hours of graduate business courses required for the MNA.

Prerequisites:
BUS 110 Fundamentals of Microcomputers
BUS 333 Principles of Management
BUS 501 Survey of Accounting or BUS 207 and BUS 208
ECO 501 Survey of Economics or ECO 203 and ECO 204
MAT 206 Statistical Methods
NUR 400 Nursing Research
NUR 470 Community Systems

Graduate Courses:
BUS 505 Financial Management for Non-Profit Organizations
BUS 510 Organizational Behavior
BUS 512 Legal and Regulatory Environment

THE EXECUTIVE MASTER OF BUSINESS ADMINISTRATION

The Executive Master of Business Administration program will begin in January 1990. This program provides an opportunity for middle and upper level management to develop the skills and attitudes requisite to effective management careers. This program takes as its mission the creation and maintenance of a controlled yet interdisciplinary learning environment in which true individual growth and development can occur.

The program will be offered in a two-year sequence of courses meeting all day on alternating Fridays and Saturdays during the academic year. There will be two summer projects which will include an opportunity for evaluating management styles in European and Asian businesses.

The EMBA program is a highly structured curriculum. All students must take each class, no electives are offered and no substitutes are permitted. The applicant for admission to the EMBA program must have demonstrated success in business and significant managerial potential.

Interested students should contact the Executive Programs Office in the Dana Building or call the Director of Executive Programs at 337-2489.

Graduate Course Descriptions

Business Administration

BUS 501 Survey of Accounting 3 Hrs.
Introductory survey of accounting principles, including transaction analysis, preparation of accounting records; income statement analysis; balance sheet analysis; use of accounting information in managerial problem solving. Designed solely as an MBA or MNA prerequisite course. This course may not be used as credit toward an undergraduate degree. Graded on pass/no record basis. Pass = B or better.
Prerequisites: A bachelor's degree.

BUS 505 Financial Management for Non-Profit Organizations 3 Hrs.
The focus of this course is financial decision making in not-for-profit health care institutions. Topics include budgeting and financial control, relationships with financial markets, and legal issues pertaining to health care financing and management.

BUS 510 Organizational Behavior 3 Hrs.
A study of organizations and their environment as well as the social and psychological foundations necessary to an understanding of human behavior within complex organizations. Topics covered include group and inter-group behavior, leadership styles, organizational structures, and the decision making process.
Prerequisites: BUS 333 or 321.

BUS 511 Written and Oral Communications for the Professions 3 Hrs.
This course is designed to increase and maximize communication ability and skills required for the professional manager. Includes instruction in written and oral presentations and reports as well as extensive practice in both mediums, including oral presentations and at least two 500-word papers. Where possible, speakers from business and industry will be invited to discuss problems encountered in management and executive level communications.

BUS 512 Legal and Regulatory Environment 3 Hrs.
A survey course which encompasses a study of the statutes and regulations that govern interactions among businesses as well as the relationship of business to governmental bodies and consumers. Some of the topics covered include contracts, agency, partnerships, corporations, property, sales, commercial paper, bankruptcy, anti-trust, and government regulation of business.
Suggested prerequisite: BUS 305.

BUS 518 International Business 3 Hrs.
The study of profit-oriented business relationships conducted across national boundaries. This course incorporates a combination of basic disciplines and functional areas focusing on problems and opportunities involved when the firm makes the decision to begin international operations. Topics presented include international trade theory, direct foreign investment, foreign exchange, the international payments system, financial markets for international operation, taxation, government influence on trade, and international marketing.
Prerequisite: ECO 515.

BUS 520 Managerial and Financial Accounting 3 Hrs.
Examines the ways in which accounting enables managers to operate effectively through the use of analysis and information as the foundation for managerial decision making. Topics include an analysis of corporate annual reports, cost-volume-profit relationships, cost behavior patterns, flexible budgets and standards for control, relevant costs, capital budgeting, and the impact of taxes on management planning.
Prerequisites: BUS 207 and 208 or BUS 501.

BUS 521 Financial Management 3 Hrs.
Examines the financial function and how it relates to other functions of the business firm including how financial decisions can further the basic enterprise's goal of wealth maximization. The student will explore in depth controversial conceptual problems. This course focuses on the various concepts for manager decision making under uncertainty, optimum financial structure, cost of capital, and asset management.
Prerequisites: BUS 360 and 520.

BUS 525 Specialized Topics in Business 3 Hrs.
Topics to be announced for each semester offered. Possible offerings include: Corporate Tax Considerations; Estate Planning and Administration; International Economics; New Venture Strategies; Organizational Development; and Strategic Planning.

BUS 530 Marketing Strategy 3 Hrs.
This course is designed to acquaint the student with the dynamic nature of the relationship between the consumer, the demand for goods and services, and the environment. The main point of emphasis is that marketing is a total system of business action rather than a fragmented assortment of functions and institutions. The structure of the course is the case approach, which requires the student to use principles of marketing in the analysis of business problems.
Prerequisite: BUS 340.

BUS 535 Quantitative Methods 3 Hrs.
This course develops a generalized framework useful in investigating all types of decision problems. The study includes various quantitative methods appropriate to an analysis of these types of problems. Methods include decision trees, linear programming, transportation and assignment problems, inventory control, queuing theory, simulation, PERT-CPM, and game theory.
Prerequisites: MAT 206 and ECO 516.

BUS 536 Production Management 3 Hrs.
Designed to teach the student to manage the operating systems of organizations. Topics included are process selection, facilities planning, operations planning, operations control, and technological changes.
Prerequisites: MAT 206 and BUS 535.

BUS 540 Research in Business 3 Hrs.
This course requires the execution of a research project in an area related to the content of the MBA program. This course is open only to students who have completed all the required courses for the MBA except BUS 550, Business Policy.

Permission of the instructor and of the MBA Coordinator is required. An outline of the proposed research project must be completed and approved before a student may register for the course.

Prerequisites: Consent of MBA Coordinator.

BUS 545 Investment Analysis and Portfolio Management 3 Hrs.

This course includes the study of capital market theory, the balance between risk and return, rates of return required by investors and the study of betas in the capital asset pricing model, all examined from the viewpoint of the private investor.

Prerequisite: BUS 521.

BUS 550 Business Policy and Society 3 Hrs.

A study of the policy making and administrative, ethical problems that must be faced in a private-enterprise society. The emphasis of the course is on the strategic planning necessary for an organization to define and achieve its overall objectives. Cases include problems in which economic, moral, personal, social, and political factors are involved. A major theoretical or practical project is required. The final exam of the course is comprehensive and is designed to evaluate overall synthesis of content of the Master of Business Administration 11-course sequence. The capstone course may not be transferred from another institution.

Prerequisites: All required Master of Business Administration courses.

Economics

ECO 501 Survey of Economics 3 Hrs.

Introductory survey of the principles of macroeconomics and microeconomics, national income theory; banking and money; markets and price theory; production and factor markets; income distribution; international trade. Designed solely as an MBA or MNA prerequisite course. May not be used as credit toward an undergraduate degree. Graded on pass/no record basis. Pass = B or better.

Prerequisite: A bachelor's degree.

ECO 515 Macroeconomic Theory 3 Hrs.

The study of how goods and services are produced and distributed including an examination of economic policy and an analysis of how it affects the performance of the economic system. This course will explore the topics of national income and employment; market, the price system, and the allocation of resources; the distribution of income; the public sector; and the international economy.

Prerequisites: ECO 203 or ECO 501.

ECO 516 Economics of the Firm 3 Hrs.

The application of microeconomic theory to managerial decision making to answer basic resource allocation questions. The course is designed to provide the student with an ability to view resource allocation problems within a constrained optimization framework. Included are price and output decisions of the firm under various market conditions such as pure competition, monopoly, oligopoly, and monopolistic competition.

Prerequisites: ECO 204 or ECO 501.

Education

EDU 501 Psychology of Learning 3 Hrs.

Investigation of various processes and principles of learning and their application to the teaching-learning situation. Focus will be on classical, operant and cognitive learning.

EDU 502 Advanced Developmental Psychology 3 Hrs.

A study of theoretical and experimental literature related to the personal, social, cognitive, and physical aspects of development. Special emphasis on the middle-intermediate school aged child.

EDU 503 Educational Research and Evaluation 3 Hrs.

Consideration of the various techniques used in educational research. Emphasis will be placed upon critical analysis of research designs, statistical procedures, and interpretation of the data.

EDU 515 Foundations of American Education 3 Hrs.

This course is a survey of educational thought from a social and historical perspective with particular emphasis on educational theory and practice in the United States during the twentieth century.

EDU 522 Teaching Writing: Process Approach 3 Hrs.

Study of the interrelationship of the language arts. Emphasis on developing competencies and confidence in communication skills, particularly composition.

EDU 523 Studies in Linguistics 3 Hrs.

Studies of the main tenets of structural linguistics and transformational grammar with some attention to the relation between linguistic theories and older theories about language.

EDU 524 Diagnosis and Correction of Reading Difficulties 3 Hrs.

Examination of the cause and diagnosis of reading difficulties and methods and materials of instruction. Practical application with individuals or small groups will be required.

Prerequisites: EDU 521 or permission of the instructor.

EDU 526 Adolescent Literature 3 Hrs.

A study of the literature for adolescents with emphasis on intermediate and middle school grade materials. Consideration will be given to genres and sub-genres; background and development; appropriateness to cognitive, emotional and psychological development; selection of works and incorporation into the classroom.

EDU 527 Reading and Language Arts in the Elementary School 3 Hrs.

This course includes achievement of competencies in the use of materials and methods of instruction in the teaching of reading and language arts K-6. Emphasis is placed on the reading process, development of a literature approach for teaching reading and language arts, and the integration and interrelationship of all the language arts.

EDU 528 Content Area Reading 3 Hrs.
This is a study of the reading process and its relationship to language, learning and thought. Emphasis will be placed on content-specific vocabulary, study skills and reading strategies to be implemented in the upper elementary and middle grades.

EDU 529 Practicum in Teaching Language Arts 3 Hrs.
This course is designed to be the culminating course for students concentrating in reading and writing. Students will develop a major independent practicum project that will draw on the content and theoretical aspects of completed coursework and allow this to be translated into practical classroom application.

EDU 539 Practicum in Teaching Elementary Education 3 Hrs.
This course is designed to be the culminating course for students enrolled in the Master of Education Elementary Education degree program. Students will develop a major independent practicum project that will integrate the theoretical and clinical dimensions of their course work. Classroom application is an expected outcome of this experience.

EDU 570 Educational Testing 3 Hrs.
Basic concepts and principles of evaluation. Both standardized and teacher-made tests will be considered.

EDU 590 Topics in Education 3 Hrs.
Intensive consideration of a topic in education related to students in grades 4-9. The topic for the course will vary from term to term.

EDU 592 Directed Individual Study 1-3 Hrs.
Independent reading and investigation of the literature relevant to a specific topic or area of education.

EDU 594 Teaching Practicum 4-6 Hrs.
This course is designed for the student who is seeking a master's degree in an area or grade level other than that of initial certification. P/F.

EDU 595 Models of Teaching 3 Hrs.
This course presents alternative models of teaching and analysis of instruction for elementary and middle school teachers: curriculum foundations, analysis and implications. It includes analyzing instructional models for their implications for the design of learning environments, learning styles, alternative goal structures, and possible modes of evaluation.

EDU 599 Seminar in Curriculum and Instruction 3 Hrs.
In-depth study of selected problem areas in intermediate school curriculum and instruction.

Mathematics Education

MTE 521 Foundations of Mathematics 3 Hrs.
The development of the number system studied in parallel with a child's cognitive development. The course stresses "hands-on" approach to mathematics with applications from the sciences and related areas.

MTE 522 Introduction to Computing for Teachers 3 Hrs.

An introduction to computers and how they work. A survey of computer applications in society and the "classic" applications of computers in education. Students will be introduced to LOGO and receive some instruction in reading programs.

MTE 523 Problem Solving from an Historical Perspective 3 Hrs.

Study of the history of mathematics from the problem solving perspective. Topics to be covered are problem solving techniques, logical reasoning, and mathematical proofs.

MTE 524 Concepts of Data Analysis 3 Hrs.

Provides an understanding of the concepts of presentation and analysis of data. This will include elementary statistics and probability, graphs, charts, and data descriptions.

MTE 526 Geometry for Teachers 3 Hrs.

This course includes topics from both informal geometry; similarity, congruence, mensuration, graphing, geometrical constructions; and formal geometry; axiomatrics and formal proofs in Euclidean geometry. Methods of introducing these concepts into the mathematics curriculum K-9 are discussed.

MTE 529 Practicum in Teaching Mathematics 3 Hrs.

This course is designed to be the culminating course for students concentrating in mathematics. Students will develop a major independent practicum project that will draw on the content and theoretical aspects of completed coursework and allow this to be translated into practical classroom application.

Nursing

NUR 515 Theoretical Foundations in Nursing 3 Hrs.

This course provides an introduction to concepts, developments, model building and theoretical formulation in nursing. Exploration and analysis of nursing theory types and techniques of construction, problems in evaluation and testing, critiques of existing nursing theory and implications for nursing science and nursing administration are discussed.

NUR 520 Health Care Policy and Delivery Systems 3 Hrs.

This course examines the origins, development, function and policy issues of the United States health care system. Emphasis will be placed on policy formation, public and private health care delivery systems, special problems of the health care market, and sources and expenditures of insurance programs including comprehensive national health care proposals. Special attention will be given to current issues in health organizations.

Prerequisite: ECO 501, BUS 512 or permission of instructor

NUR 522 Research in Nursing 3 Hrs.

The focus of this course is the research process as it applies to the solution of problems in nursing. Emphasis is upon the use of the literature in building theoretical rationale, selection of appropriate methods, and analysis and presentation of findings. The student will demonstrate application and critical appraisal of research methods utilized in nursing science and related health care disciplines. The role of research in nursing administration is evaluated.

NUR 525 Specialized Topics in Nursing Administration 3 Hrs.
Topics to be announced for each semester offered. Possible offerings include: collective bargaining, measurement of quality of care, patient classification systems, risk management, budgeting in health care settings, staff development, nursing administration roles, administration of nursing care services in selected official and voluntary health and human service agencies.

NUR 530 Nursing Administration 3 Hrs.
This is a survey course designed to introduce students to nursing administrator roles and functions. Issues involving recruitment, personnel management, wage and salary administration, labor relations, staff development, budgeting and quality assurance will be explored.
Prerequisite: BUS 510 or permission of instructor.

NUR 535 Nursing Administration Practicum I 2 Hrs.
This course will provide practice opportunities for students to integrate theory with the administrative role. Students will be able to explore various aspects of organization and administration of nursing under the guidance of a preceptor. Issues to be discussed and analyzed include: staffing patterns, budgeting, recruitment and employee evaluation. (1 hour of seminar, 6 hours of practicum per week)
Prerequisite or corequisite: NUR 530.

NUR 536 Nursing Administration Practicum II 2 Hrs.
During this practicum students will analyze, interpret and evaluate the overall function of the organization and its impact in the role of the nurse administrator. Issues addressed will include organizational effectiveness, measurement of quality or care and risk management. (1 hour of seminar, 6 hours of practicum per week)
Prerequisite or corequisite: NUR 530.

NUR 550 The Nurse Administrator and Clinical Nursing 4 Hrs.
The focus of this course will be on current and future trends in clinical nursing and the nurse administrator's response to change in order to insure quality of care. (2 hours of seminar, 4 hours of practicum per week)
Prerequisite or corequisite: NUR 530.

NUR 592 Independent Study 1,2,3 Hrs.
Plans must be submitted in advance of registration on a form obtained from the Graduate School. The student must meet with the faculty member to establish goals, objectives and the number of credits for the study. Evaluation will be based on a paper and oral presentation. May be repeated for credit, but no more than 9 credit hours will apply toward the degree.

NUR 597 Thesis Preparation Seminar 2 Hrs.
This seminar is designed to assist students in the preparation of a research proposal. Emphasis will be placed on development of a conceptual framework, statement of problem and the appropriate method of inquiry and analysis of the research question. Students will be assigned a faculty supervisor according to research interest. The faculty member will guide the student in development of the research proposal. Weekly seminars or individual conferences will be held during the semester. Upon conclusion of the seminar, students will complete a research proposal.
Prerequisite: NUR 522.

NUR 598 Research Implementation Seminar 2 Hrs.
This seminar will assist the student in implementation of the research proposal. Data collection, data entry and statistical analysis will be addressed.
Prerequisite: NUR 597.

NUR 599 Research Analysis Seminar 2 Hrs.
This seminar will assist the student in the final stages of thesis preparation. Analysis of data, conclusion and recommendations will be addressed.
Prerequisite: NUR 598.

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The Business Advisory Council (BAC) was established in the spring of 1978. The purpose of the Council is to aid in strengthening, evaluating, and planning the Business Administration programs at Queens College.

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DISTINGUISHED EXECUTIVE LECTURERS

In order for the students to benefit from the unique and valuable experience of eminently successful chief executive officers and entrepreneurial business leaders, Distinguished Executive Lecturers are named annually for the Master of Business Administration Program. Appointed for a two-year term, the Distinguished Executives lecture in graduate classes. The breadth of the education and experience of these lecturers is extensive. Their unifying theme is their indisputable practical success and expertise.

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Faculty

Date following name and title indicates year of appointment.
*Part-Time **Leave of Absence

Judith Abner .... *Assistant Professor of Music and Director of Everett Library 1985*
B.A., Limestone College; M.L.S., Rutgers University

Christine L. Allegretti .... *Associate Professor of Psychology 1985*
B.A., M.A., Ph.D., University of Arkansas

Richard H. Ault .... *Assistant Professor of Mathematics and Computer Science and Director of Computer Center 1982*
B.S.E.E., University of Miami; M.S., Ph.D., California Institute of Technology

Ronald J. Basini .... *Associate Professor of Business 1977*
B.S., M.B.A., Murray State University

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B.A., Winthrop College; M.Div., Erskine Theological Seminary

*Daniel C. Biber .... *Associate Professor of Psychology 1976*
B.A., Columbia University; Ph.D., University of North Carolina at Chapel Hill

Cathy Smith Bowers .... *Lecturer in English 1983*
B.A., M.A.T., Winthrop College

Constance Rhyne Bray .... *Instructor of Music 1984*
B.M., Wittenberg University; M.M., Florida State University

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B.F.A., Ohio Wesleyan University; M.F.A., Western Michigan University

Deborah N. Campbell .... *Director of the Writing Center and Instructor of English 1987*
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*Patricia A. Cash .... *Lecturer in Nursing 1987*
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D. Stephen Cloniger .... *Vice President for Enrollment Management and Associate Professor of Religion 1988*
B.A., University of North Carolina at Chapel Hill; M.Div., Duke University; Ph.D., Emory University

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B.S.N., Indiana University; M.S.N., University of North Carolina at Charlotte

Richard F. Crown .... *Associate Professor of Art and Director of Watkins Gallery 1971*
B.A., New York University; M.A., Indiana University; M.F.A., University of Massachusetts

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B.A., Colorado Women's College; M.Ed., Ph.D., University of North Dakota

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B.A., Washington and Lee University; M.A., Ph.D., University of Texas at Austin

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B.S., M.S., M.B.A., Pennsylvania State University; Ph.D., Carnegie-Mellon University

Rebecca C. Jann .... *Professor of Biology 1978*
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B.S.N., Mount Saint Agnes College; M.S., in Nursing, University of Maryland; Ph.D., University of Manchester (England)

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Joseph E. Lammers .... *Professor of Music (Piano) and Chairman of Division of Fine Arts 1962*
B.Mus., University of Alabama; M.Mus., Ph.D., Florida State University

Sherry L. Laurent .... *Advisor for Master of Nursing Administration Program and Assistant Professor of Nursing 1982*
Diploma in Nursing, Charity Hospital School of Nursing; B.A., LaVerne College; M.S.N., The Catholic University of America

*Thomas A. Lee .... *Lecturer in Mathematics 1984*
B.S., University of Wisconsin; M.B.A., University of North Carolina at Charlotte; Ph.D., University of Arizona

*Robert G. Littleson .... *Lecturer in Business 1987*
B.B.A., M.B.A., University of Michigan

Sandra R. Loehr .... *Assistant Professor of Education and Advisor for Master of Education Program 1984*
B.S., The Ohio State University; M.A., Chicago Theological Seminary; Ed.M., Harvard University; Ed.D., University of Massachusetts at Amherst

Peggy C. Maiorano .... *Instructor of Biology 1989*
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B.A., Murray State University; M.A., Ph.D., University of Alabama

Virginia L. Martin.......... *Professor of Biology 1966*
B.S.,Wake Forest University; M.S., Ph.D., Emory University

Emory H. Mason, Jr.......... *Professor of Education and Registrar 1965*
A.B., Catawba College; M.A., Appalachian State University; Ed.D., Duke University

H. Allen Maynard.......... *Associate Professor in Business and Director of Computer Information Systems Program 1989*
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Frances Jones McClain.......... *Assistant Professor of Music 1983*
B.M., M.M., Michigan State University; M.Ed., Winthrop College

Marcia Miller.......... *Assistant Professor of Nursing 1988*
B.S.N., University of Michigan; M.S.N., University of North Carolina at Chapel Hill

*Eva Mills.......... *Lecturer in English 1981*
B.A., University of Pennsylvania; B.A., M.A., University of Wisconsin; Ph.D., University of Cincinnati

Douglas A. Minnerly, Jr. .... *Assistant Professor of Theatre, and Manager of the Fine Arts Center 1988*
B.A., College of William and Mary; M.F.A., University of Virginia

**Paul Arlyn Nitsch.......... *Assistant Professor of Music and Artist-in-Residence 1977*
B.Mus., M.Mus., Peabody Conservatory of Music

*David T. Norman.......... *Lecturer in Business 1987*
B.A., Furman University, M.B.A., University of North Carolina at Chapel Hill

Jimmie C. Oates.......... *Professor of Physics 1962*
B.S., Memphis State University; M.S., Ph.D., Vanderbilt University

*John A. Oetgen.......... *Lecturer in English 1987*
A.B., St. Benedict's College; J.C.L., Lateran University; Ph.D., University of North Carolina at Chapel Hill

*Ben N. Pfingstag.......... *Lecturer in Art 1984*
B.A., M.A., San Francisco State College; M.A., Ph.D., State University of New York at Binghamton

Phyllis A. Pharr.......... *Associate Professor of Physical Education 1964*
B.S., Appalachian State University; M.Ed., University of North Carolina at Chapel Hill

Robert F. Porter.......... *Associate Professor of Art 1983*
B.A., Princeton University; Ph.D., University of North Carolina at Chapel Hill

*Norris W. Preyer.......... *Dana Professor of History 1957*
A.B., University of North Carolina at Chapel Hill; M.A., Ph.D., University of Virginia

Joan Quinn.......... *Assistant Professor of Mathematics 1987*
B.S., Purdue University; M.S., Ph.D., Michigan State University

Carolyn T. Richards.......... *Practitioner/Teacher 1989*
B.S.N., University of North Carolina at Chapel Hill; M.Ed., University of North Carolina at Charlotte

Robert W. Ridel.......... *Assistant Professor of Sociology 1989*
B.A., M.A., Ph.D., University of California at Santa Barbara

Emily Seelbinder.......... *Assistant Professor of English 1989*
B.A., Hollins College; M.A., Ph.D., University of North Carolina at Chapel Hill

Michele M. Shaul .... *Assistant Professor of Foreign Language 1989*
B.A., M.A., University of Florida; Ph.D., University of North Carolina at Chapel Hill

Joyce H. Shealy .... *Dana Professor of Psychology and Chair of the Division of Social Sciences and Education 1959*
A.B., M.A., University of South Carolina; M.A., Ohio State University; Ph.D., University of North Carolina at Chapel Hill

Aleo G. Sica .... *Associate Professor of Music (Violin) 1969*
B.Mus., B.Mus.Ed., College of Wooster; M.Mus.Ed., Virginia Commonwealth University

John William Slater .... *Assistant Professor of Communications and Director of Communications and Public Relations 1986*
B.A., DePauw University; M.A., University of North Carolina at Chapel Hill

George A. Stegner .... *Dana Professor of Music (Piano) 1955*
B.S., Miami University (Oxford, Ohio); B.Mus., M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College

Robert Eugene Stigall .... *Lecturer in Music (Organ) and College Organist 1973*
B.Mus., Syracuse University; M.S.M., Union Theological Seminary

*Ernest Lee Stoffel, Sr .... *Associate Professor of Religion 1987*
A.B., King College; M.Div., Th.M., Th.D., Union Theological Seminary

*W. Scott Terry .... *Lecturer in Psychology 1984*
B.A., Fairfield University; M.S., Ph.D., Yale University

William A. Thompson .... *Professor of History and Director, International Experience Program 1975*
A.B., Davidson College; M.A., Ph.D., Vanderbilt University

Robert L. Vogel .... *Associate Professor of Mathematics 1984*
B.A., Hanover College; M.A., University of Louisville; Ph.D., Emory University

*G. Bryan Wall .... *Lecturer in Business 1984*
B.S., M.A., Ph.D., North Carolina State University; D.M.D., University of Florida

Bari J. Watkins .... *Vice President for Academic Affairs and Dean of the Faculty, and Professor of History 1988*
B.A., Rice University; M.Phil., Ph.D., Yale University

Robert W. Whalen .... *Associate Professor of History and Director, Foundations of Liberal Learning Program 1983*
B.S., Georgetown University; M.A., Ph.D., Cornell University

*Gary P. Williams .... *Lecturer in Sociology 1984*
B.S., M.Ed., M.A., Kent State University, Ph.D., The Ohio State University

Billy O. Wireman .... *Professor of Management and Education and President of the College 1978*
A.B., Georgetown College; M.A., University of Kentucky; Ed.D., Peabody College of Vanderbilt University; L.H.D., Eckerd College; L.H.D., University of Tampa; L.H.D., Georgetown College

Yolander Yoder .... *Assistant Professor of Mathematics and Computer Science 1984*
B.A., Queens College; M.A., University of Florida at Gainesville

Karen J. Zapata .... *Assistant Professor of Accounting and Business Administration, Advisor for the Master of Business Administration Program 1987*
B.A., B.S., University of North Carolina at Chapel Hill; M.B.A., Winthrop College; Certified Public Accountant (CPA)

Professors Emeriti

Thelma Albright ....*Associate Professor of English*
A.B., Greensboro College; M.A., Duke University; L.H.D., Queens College

Charles E. Brewer, Jr. ....*Associate Professor of Economics*
A.B., Princeton University

Roberta T.S. Chalmers..*Associate Professor of English*
A.B., D. Litt. Mount Holyoke College; M.A., Radcliffe College; B. Litt., Oxford University (England); D. Litt., Kenyon College

Ann S. Gebhardt..*Professor of Art*
B.F.A., M.A., The Ohio State University

Eleanor Lloyd Jenkins ....*Associate Professor of Mathematics and Registrar*
B.A., Queens College; M.A., University of North Carolina at Chapel Hill

Marjorie T. Kirby ....*Z. Smith Reynolds Professor of Foreign Languages (Spanish)*
A.B., Birmingham-Southern College; M.A., Ph.D., University of North Carolina at Chapel Hill

Paul B. Newman...............................*Grier Distinguished Professor of English and Carol G. Belk Faculty Fellow*
B.S., M.A., Ph.D., University of Chicago; M.F.A., University of Iowa

Sarah McKee Nooe..*Professor of Biology*
B.S., Meredith College; M.A., Columbia University

Caroline Gordon Richardson..*Assistant Professor of Foreign Languages (French)*
A.B., Winthrop College; M.A., University of South Carolina

Mary Thomas Smith..*Associate Professor of Religion*
A.B., M.A., East Carolina University

Mary Lee Taylor ....*Associate Professor of Religion*
A.B., Salem College; M.R.E., The Biblical Seminary, New York

Sarah M. West ....*Assistant Professor of Business*
B.S., Winthrop College; M.R.E., Woman's Missionary Training School (Louisville)

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Rose Lynn Imbleau
Linda B. Krantz
Maria W. Mullish
Kathryn C. Rillo
Nancy E. Smetana
Lois H. Smith
Gale W. Talbert
Melanie G. Trail
Andrea F. Varela

BACHELOR OF ARTS

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Sara H. Nothdurft
Sandra P. Nyy
Deborah D. Odom
Meredith S. Outlaw
Irving W. Williams

BACHELOR OF BUSINESS ADMINISTRATION

Carla D. Deck

BACHELOR OF GENERAL STUDIES

Faye R. Seigel

DEGREES CONFERRED 1988-1989

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Carol Adler
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Julie Hillman
Amy Holt
Marsha Howe
Sarah Jordan
Rebecca Mohlere
Dorothy Smith
Gloria Wansley

Summer 1989

Laura Goppold
John Treveiler

MASTER OF BUSINESS ADMINISTRATION

John Beaver
Shirley Bilek
Leslie Blum
Patricia Cameron
Phillip Donaldson
Carol Fortenberry
James Gowan
Christopher Hallman
Donna Harbour
Mark Joyner
John Klosek
Yew Foong Lim
Michael Manning
Richard Marshall
Clifford Milner
Catherine Murray
Peter O'Leary
Lula Robinson
Michael Scheele
Andrew Shelton
Timothy Slay
Marcy Thomas
Robert Vogel

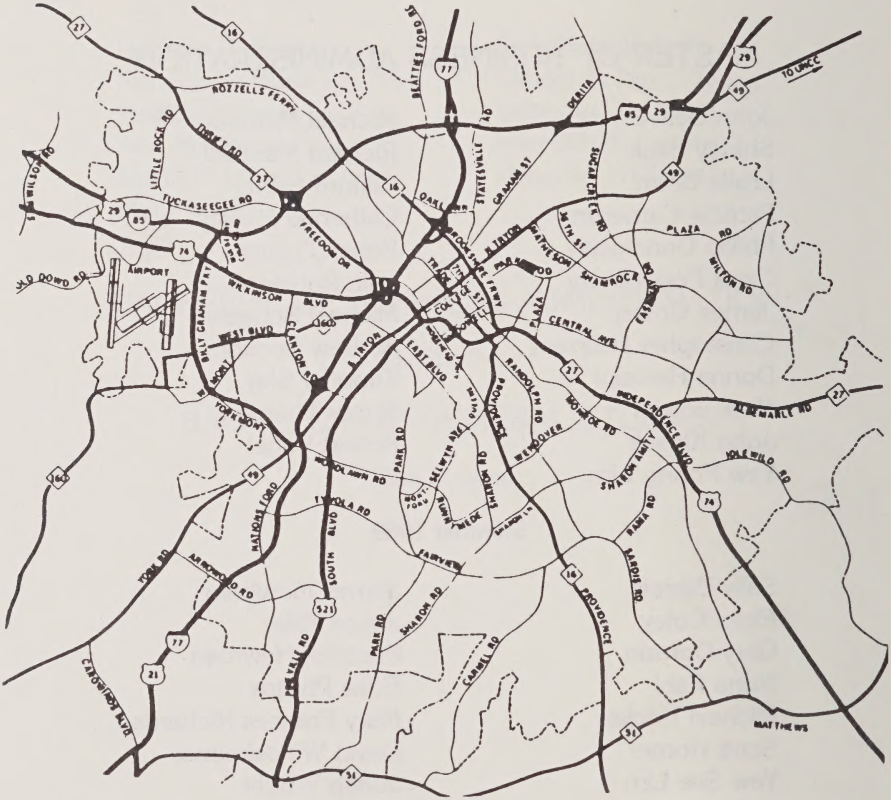
Summer 1989

Sally Barrett
Ricky Coley
Gery Dorazio
Nona Fahl
Michael Fricks
Scott Horner
Yew See Lim
William Mann
James McAllister
Joyce Miller
Fredrick Newman
Erika Phillips
Mary Frances Richards
David Windsheimer
Judith Wright
Mei Sheung Yeung

DIRECTIONS TO QUEENS COLLEGE

From I-85 and the Airport
Take Billy Graham Parkway exit-South. At the intersection of the Parkway and S. Tryon the name of the Parkway changes to Woodlawn Road. Continue on Woodlawn Road to Selwyn Avenue. There is a Queens College sign just before Selwyn. Turn left on Selwyn Avenue to Queens College. Turn left into the horseshoe driveway.

From I-77
Take Woodlawn/Queens College exit—South. Continue on Woodlawn to Selwyn Avenue. There is a Queens College sign just before Selwyn. Turn left on Selwyn Avenue to Queens College. Turn left into the horseshoe driveway.


27
16
BOZZELLS FERRY
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DERITA
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DIXIE RD
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S. WILSON RD
TUCKASEEGEE RD
16
OAKLAWN
STATESVILLE RD
GRAHAM ST
SUGAR CREEK RD
49
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74
FREEDOM DR
36TH ST
N. TRYON
MATHESON
PLAZA RD
MILTON RD
OLD DOWD RD
AIRPORT
WILKINSON BLVD
BROOKSHIRE FRWY
PARKWOOD
SHAMROCK
EASTWAY
TRADE
COLLEGE ST
BILLY GRAHAM PKY
WEST BLVD
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CLANTON RD
S. TRYON
EAST BLVD
PLAZA
CENTRAL AVE
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YORKMONT
RANDOLPH RD
PROVIDENCE
SELWYN AVE
PARK RD
WENDOVER
MONROE RD
INDEPENDENCE BLVD
ALBEMARLE RD
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IDLEWILD RD
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NATIONS FORD
WOODLAWN RD
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SHARON AMITY
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RAMA RD
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FAIRVIEW
YORK RD
ARROWOOD RD
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SARDIS RD
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SHARON RD
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PINEVILLE RD
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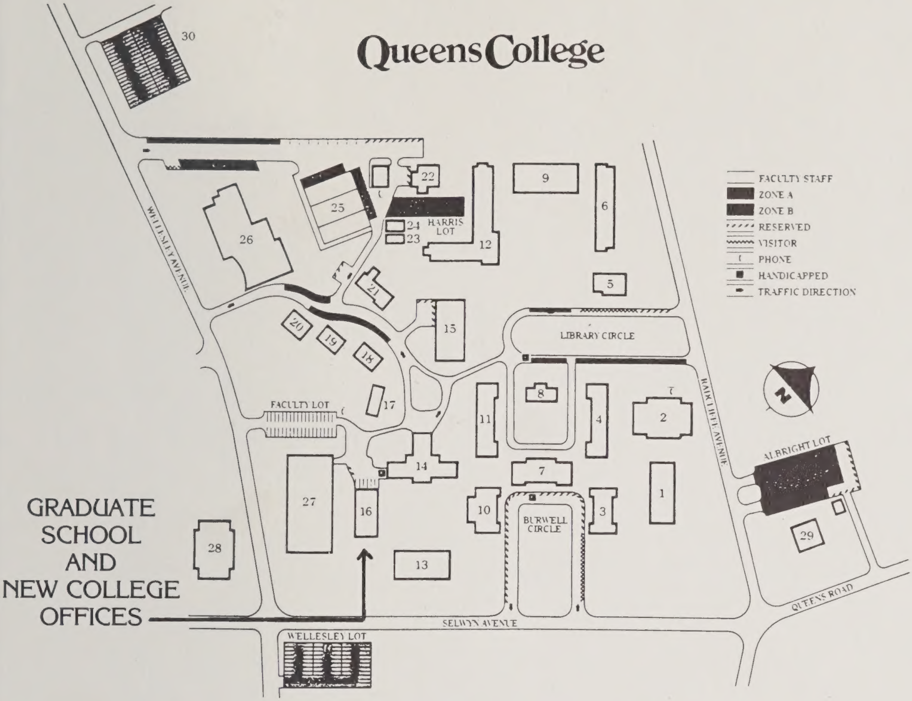
MATTHEWS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FACULTY STAFF
ZONE A
ZONE B
RESERVED
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HANDICAPPED
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WELLESLEY AVENUE
HARRIS LOT
LIBRARY CIRCLE
FACULTY LOT
HAWTHORNE AVENUE
ALBRIGHT LOT
BURWELL CIRCLE
QUEENS ROAD
SELWYN AVENUE
WELLESLEY LOT
GRADUATE SCHOOL AND NEW COLLEGE OFFICES
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Residence Halls

2. Albright
4. Long
6. Belk
9. Wallace
12. Harris
28. Barnhardt

Academic Buildings

8. Blair Building
10. McEwen Building
11. Watkins Art Building
13. Walker Science Building (Mainframe Computer Center)
16. Dana Building (Graduate School and New College Offices)
26. Ovens Gymnasium
27. E.H. Little Fine Arts Center (Dana Auditorium, Suzanne Little Recital Hall)

Other Buildings

1. Belk Chapel
3. Jernigan Building
5. Stultz Building (Post Office)
7. Burwell Hall (Administrative Offices)
14. Morrison Dining Hall (Bookstore)
15. Everett Library
17. Tillett Building (Maintenance)
18. Faculty Club
19. Sorority Lodge
20. Sorority Lodge
21. Irwin-McKay Health Center
22. Heating Plant
23. Greenhouse
24. Maintenance Shop
25. Tennis Courts
29. Harris House (Continuing Education)
30. Myers Park Traditional School (Parking)

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